

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
 Data File : BF126760.D
 Acq On : 31 Jan 2022 19:21
 Operator : CG/JU
 Sample : N1335-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-4D

Quant Time: Feb 01 02:42:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	150769	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	608167	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	341389	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	588509	20.000	ng	0.00
76) Chrysene-d12	14.139	240	379365	20.000	ng	# 0.00
86) Perylene-d12	15.662	264	284163	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1320235	115.229	ng	0.02
7) Phenol-d6	6.581	99	1652417	103.803	ng	0.00
23) Nitrobenzene-d5	7.522	82	1398572	90.011	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	443431	138.795	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1754604	78.713	ng	0.00
79) Terphenyl-d14	13.086	244	2045953	90.456	ng	0.00

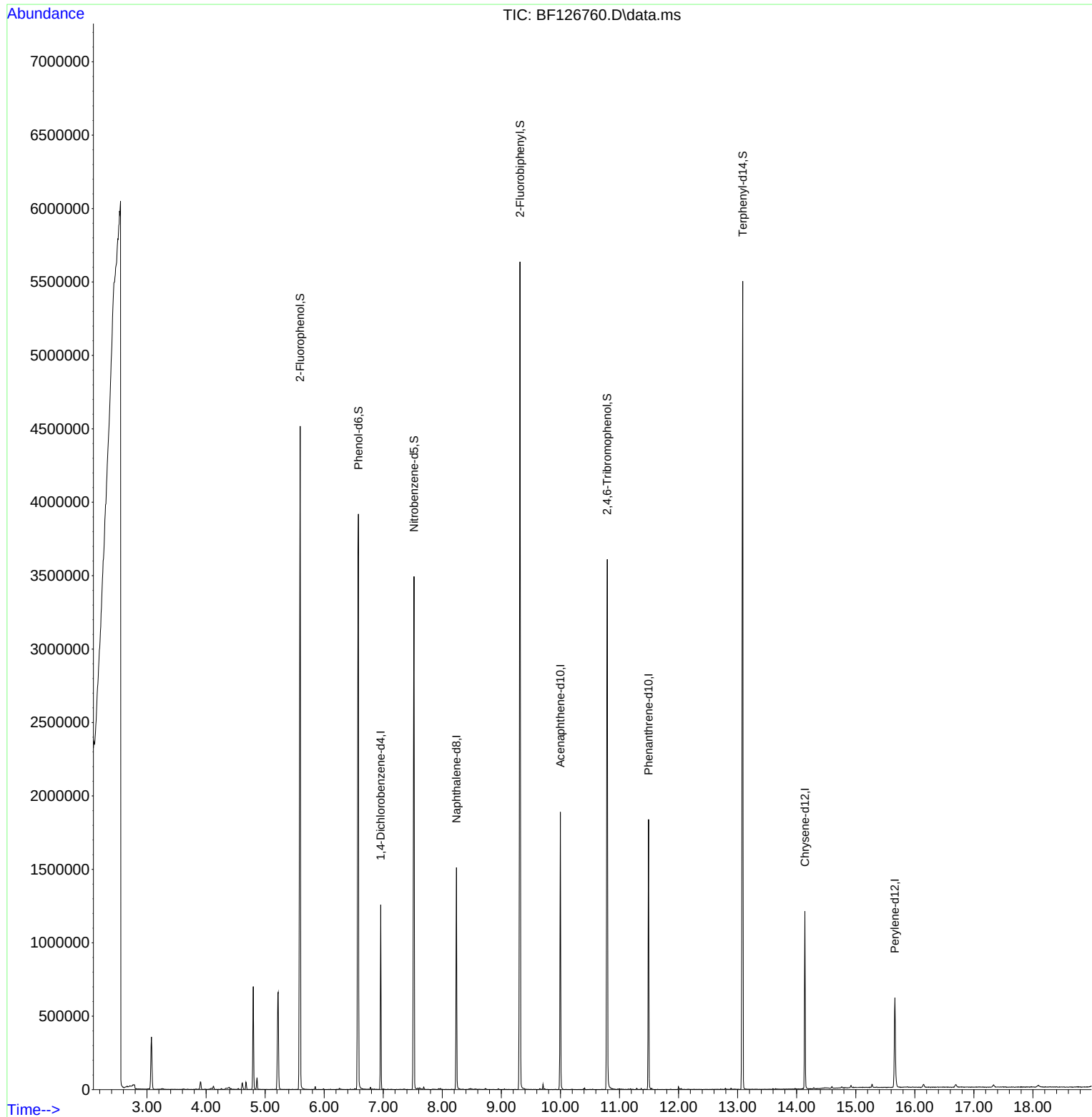
Target Compounds	Qvalue

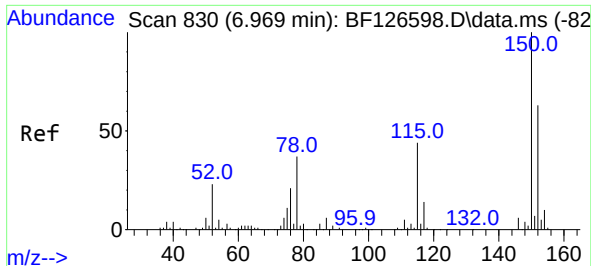
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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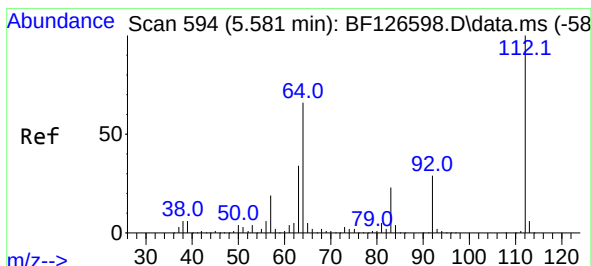
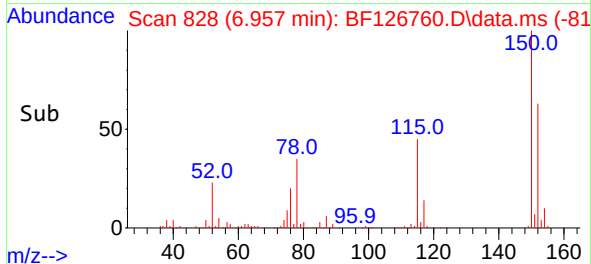
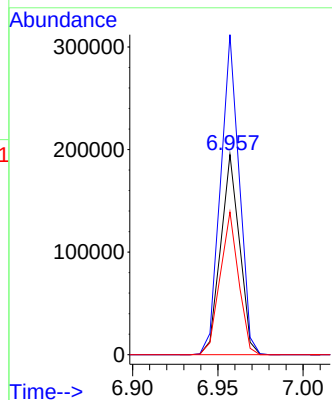
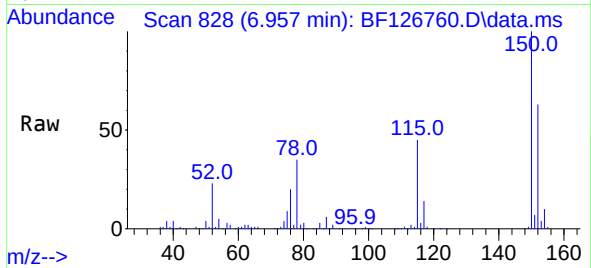




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

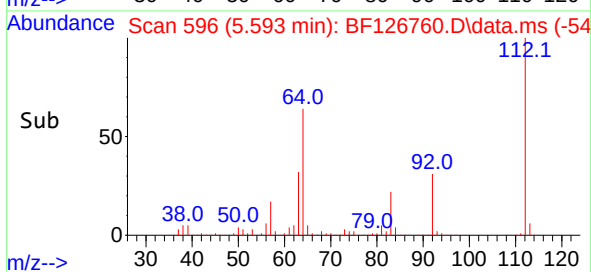
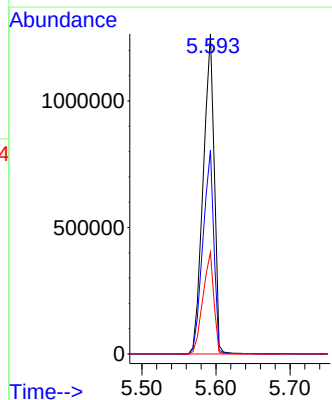
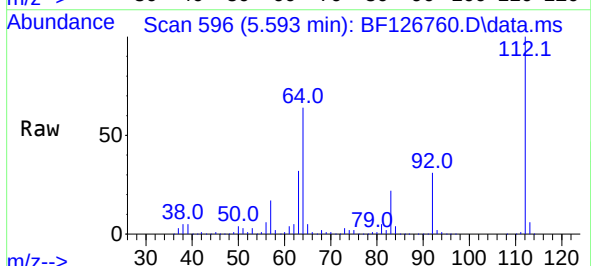
Instrument :
BNA_F
ClientSampleId :
MH-4D

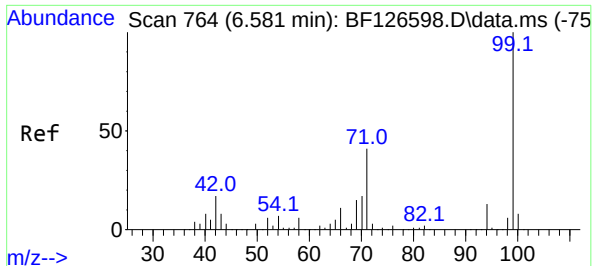
Tgt Ion:152 Resp: 150769
Ion Ratio Lower Upper
152 100
150 159.8 128.1 192.1
115 71.3 56.7 85.1



#5
2-Fluorophenol
Concen: 115.229 ng
RT: 5.593 min Scan# 596
Delta R.T. 0.024 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

Tgt Ion:112 Resp: 1320235
Ion Ratio Lower Upper
112 100
64 63.7 49.5 74.3
63 31.8 23.9 35.9

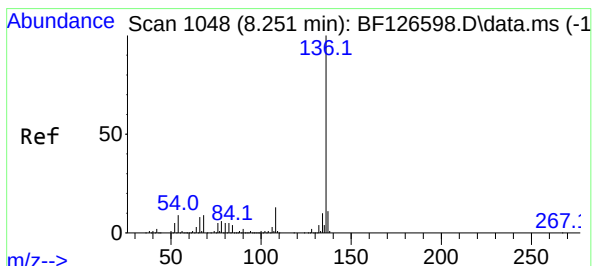
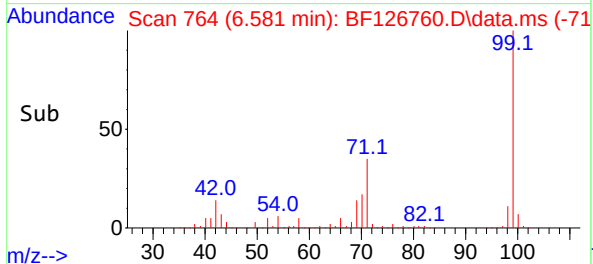
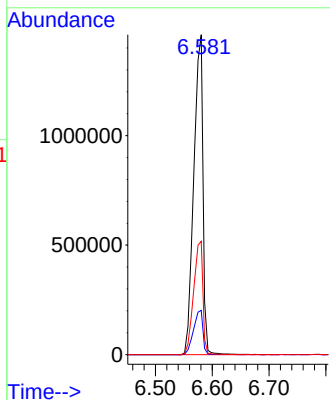
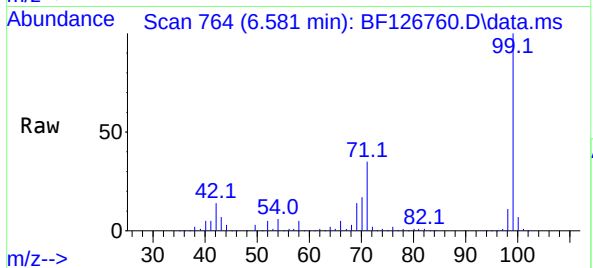




#7
Phenol-d6
Concen: 103.803 ng
RT: 6.581 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

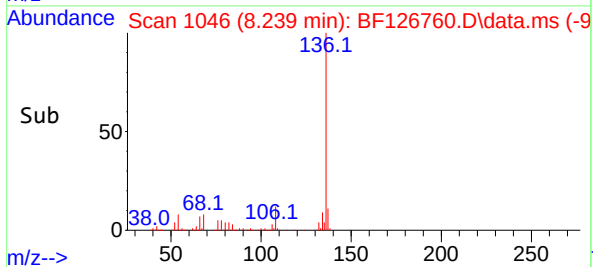
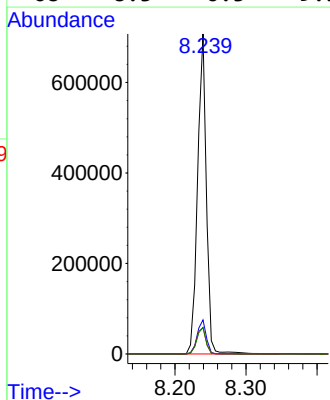
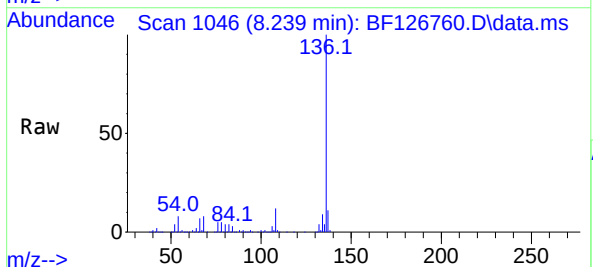
Instrument :
BNA_F
ClientSampleId :
MH-4D

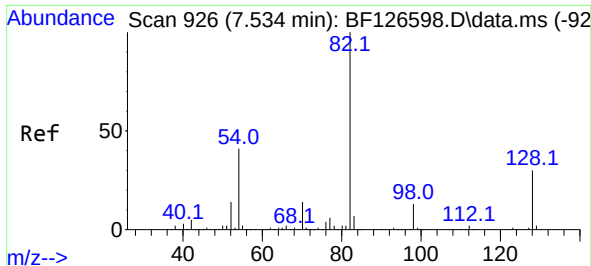
Tgt Ion: 99 Resp: 1652417
Ion Ratio Lower Upper
99 100
42 13.9 14.2 21.4#
71 35.5 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

Tgt Ion:136 Resp: 608167
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.2 7.8 11.6
68 8.3 6.3 9.5

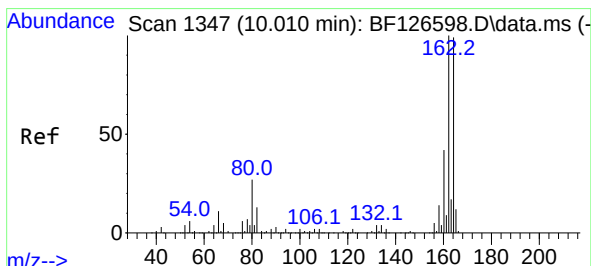
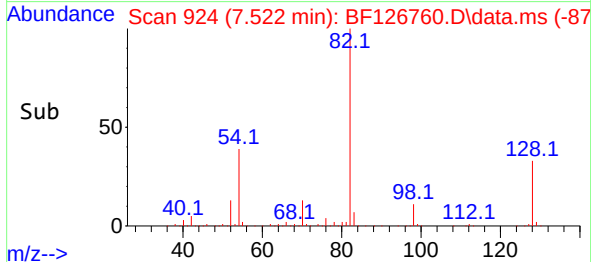
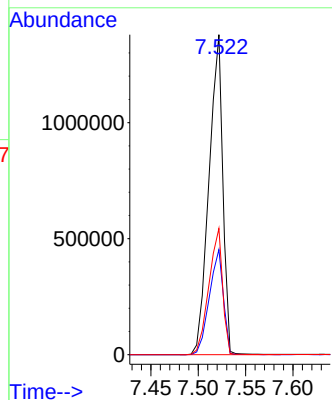
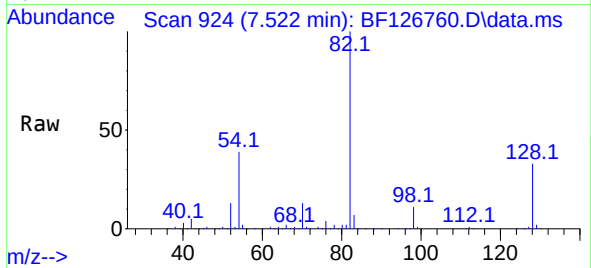




#23
Nitrobenzene-d5
Concen: 90.011 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

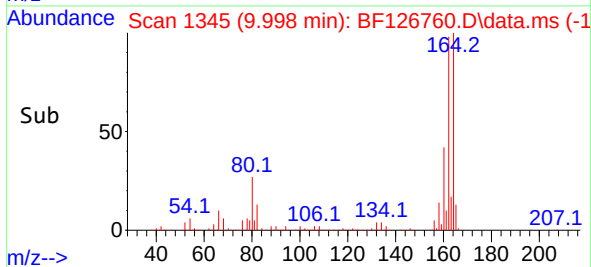
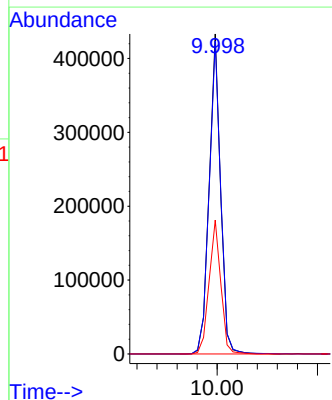
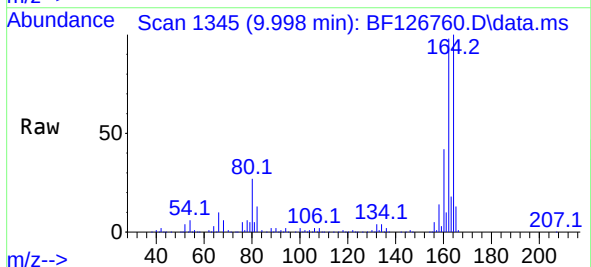
Instrument :
BNA_F
ClientSampleId :
MH-4D

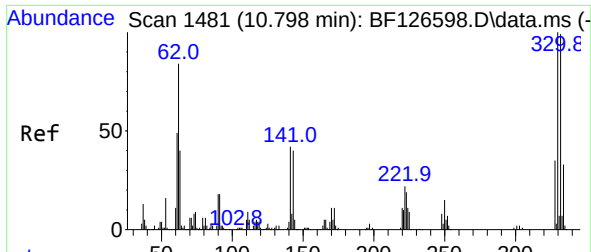
Tgt Ion: 82 Resp: 1398572
Ion Ratio Lower Upper
82 100
128 32.9 32.7 49.1
54 39.5 41.7 62.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

Tgt Ion:164 Resp: 341389
Ion Ratio Lower Upper
164 100
162 97.8 81.4 122.0
160 41.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 138.795 ng

RT: 10.792 min Scan# 1481

Delta R.T. 0.000 min

Lab File: BF126760.D

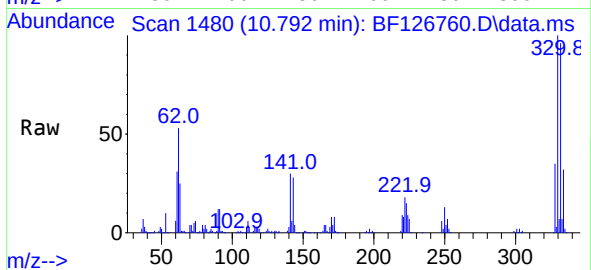
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Instrument :

BNA_F

ClientSampleId :

MH-4D



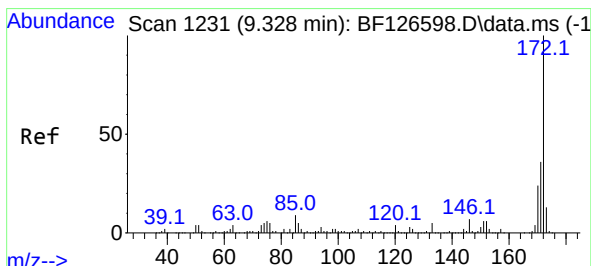
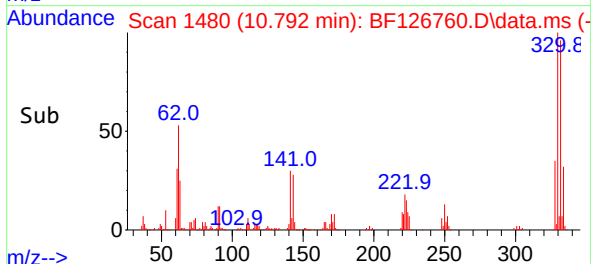
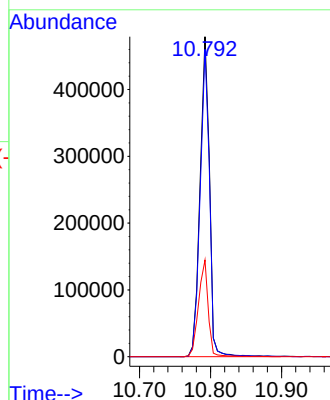
Tgt Ion:330 Resp: 443431

Ion Ratio Lower Upper

330 100

332 95.4 76.0 114.0

141 31.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 78.713 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF126760.D

Acq: 31 Jan 2022 19:21

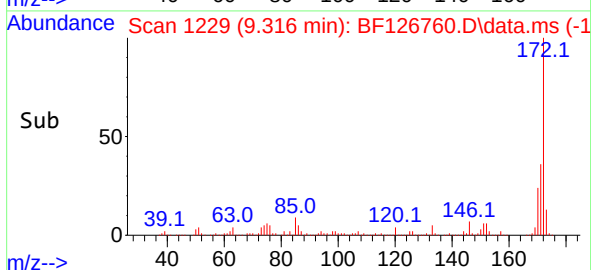
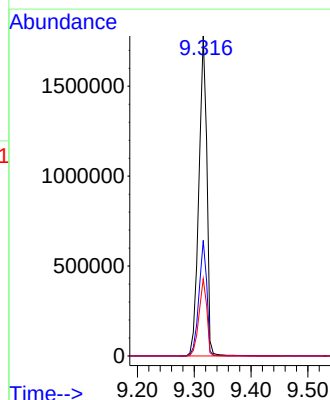
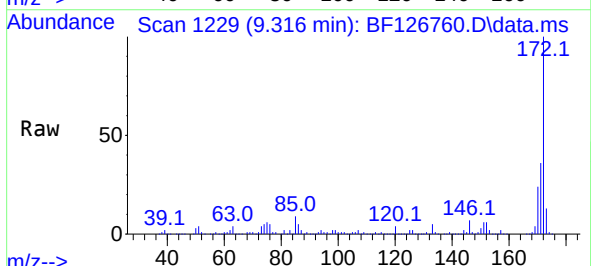
Tgt Ion:172 Resp: 1754604

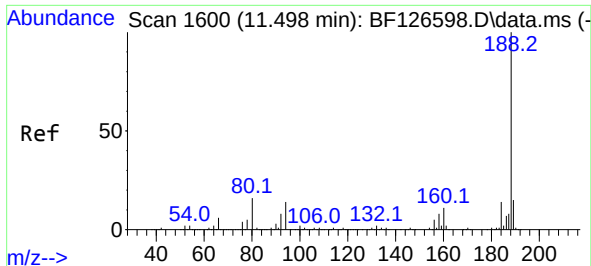
Ion Ratio Lower Upper

172 100

171 36.1 28.3 42.5

170 24.1 19.0 28.6

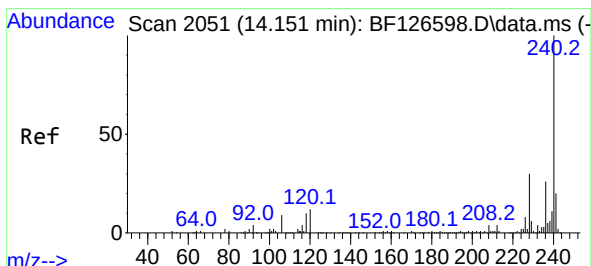
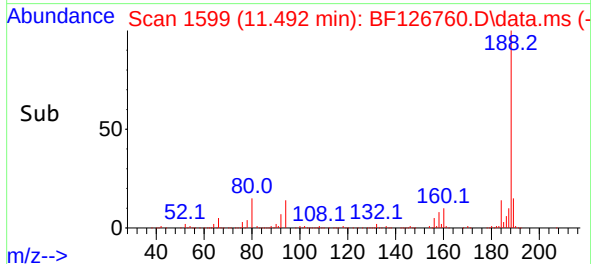
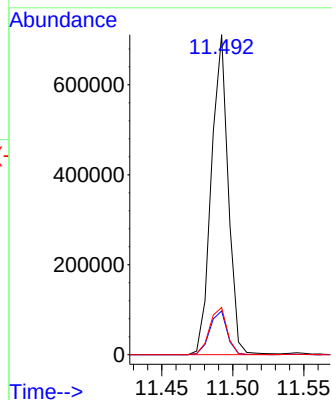
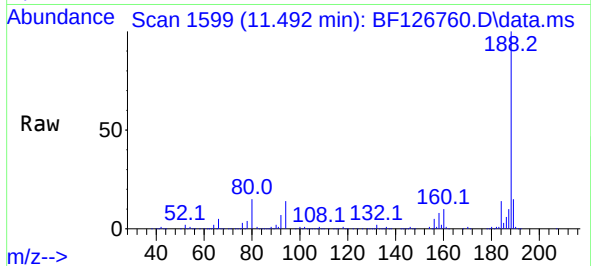




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

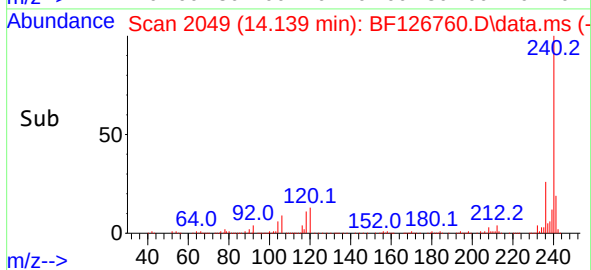
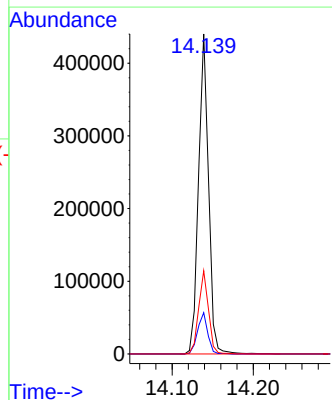
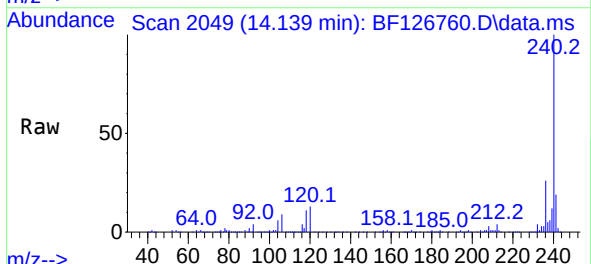
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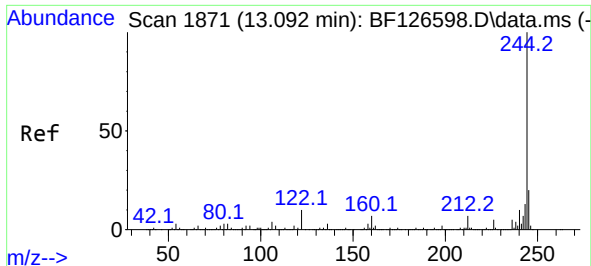
Tgt Ion:188 Resp: 588509
Ion Ratio Lower Upper
188 100
94 13.6 10.1 15.1
80 14.7 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

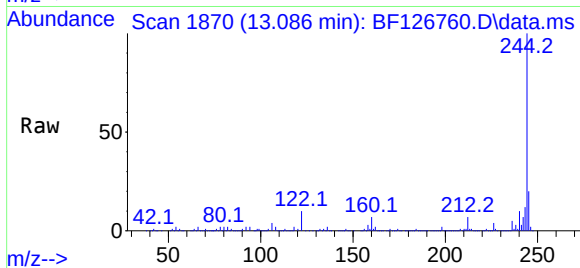
Tgt Ion:240 Resp: 379365
Ion Ratio Lower Upper
240 100
120 12.9 14.4 21.6#
236 26.0 20.5 30.7



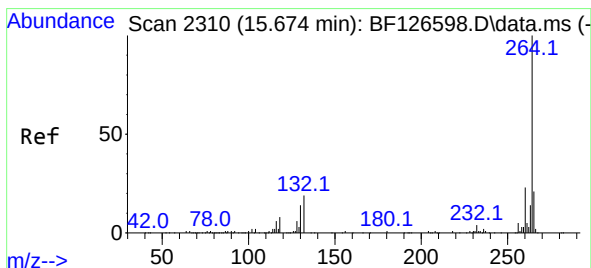
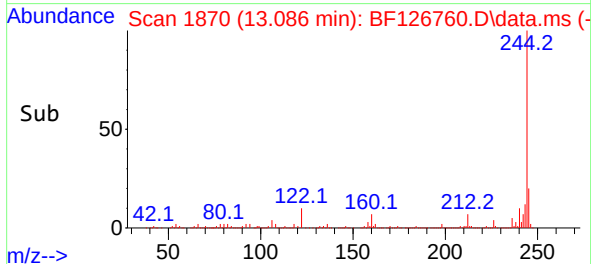
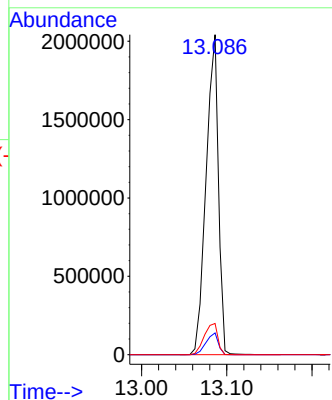


#79
 Terphenyl-d14
 Concen: 90.456 ng
 RT: 13.086 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF126760.D
 Acq: 31 Jan 2022 19:21

Instrument :
 BNA_F
 ClientSampleId :
 MH-4D



Tgt Ion:244 Resp: 2045953
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 9.7 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 2308
 Delta R.T. 0.000 min
 Lab File: BF126760.D
 Acq: 31 Jan 2022 19:21

Tgt Ion:264 Resp: 284163
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 20.7 17.4 26.2

