

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
 Data File : BF126054.D
 Acq On : 4 Nov 2021 19:39
 Operator : JU/CG
 Sample : M4498-04 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2-MD

Quant Time: Nov 08 09:51:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	134588	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	418364	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	205945	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	376120	20.000	ng	0.00
76) Chrysene-d12	14.010	240	353778	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	265086	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	142966	18.242	ng	0.00
7) Phenol-d6	6.469	99	171594	15.532	ng	-0.02
23) Nitrobenzene-d5	7.410	82	120018	13.529	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	38152	16.165	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	202881	13.313	ng	0.00
79) Terphenyl-d14	12.957	244	231798	10.566	ng	0.00

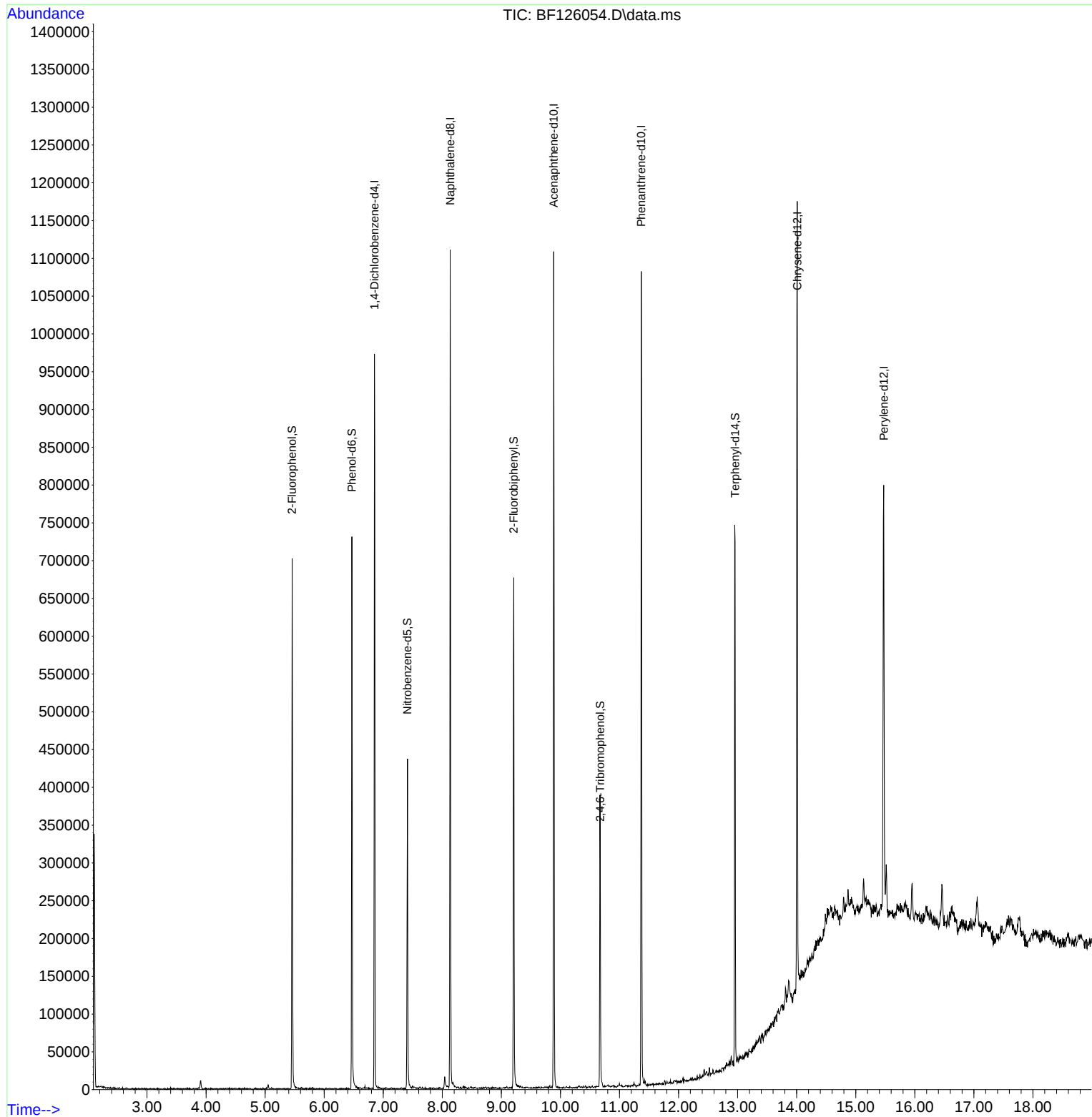
Target Compounds	Qvalue

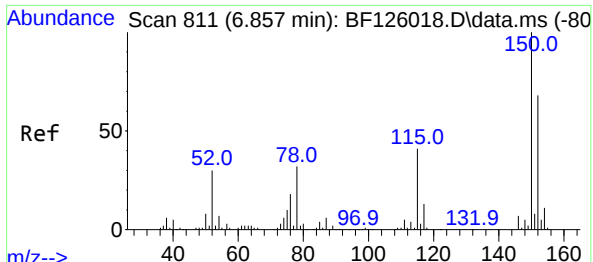
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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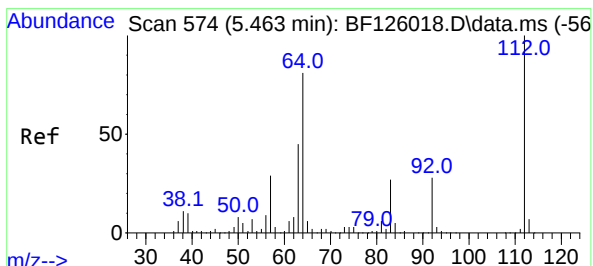
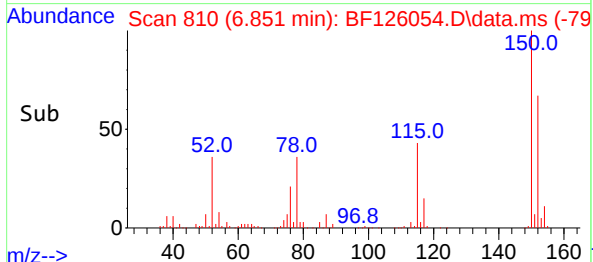
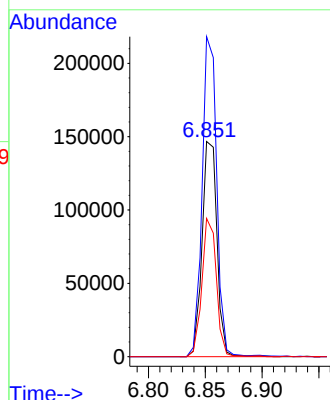
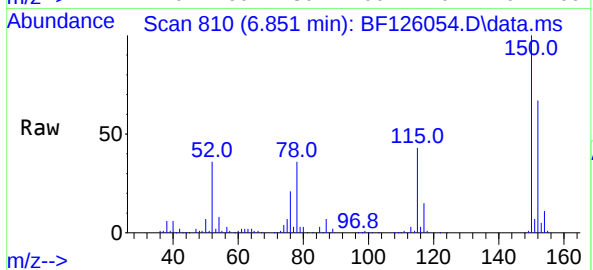




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126054.D
Acq: 4 Nov 2021 19:39

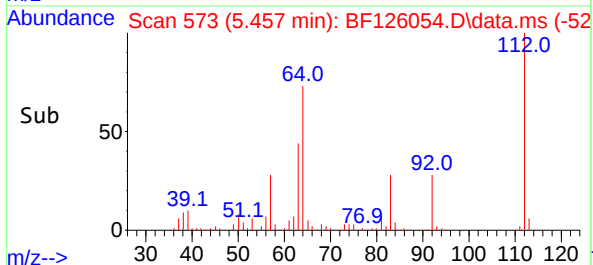
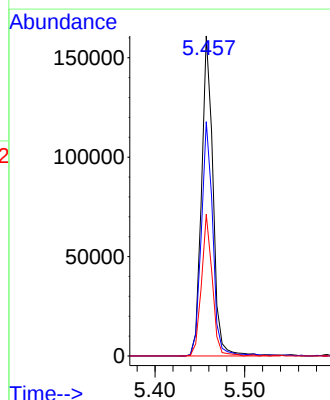
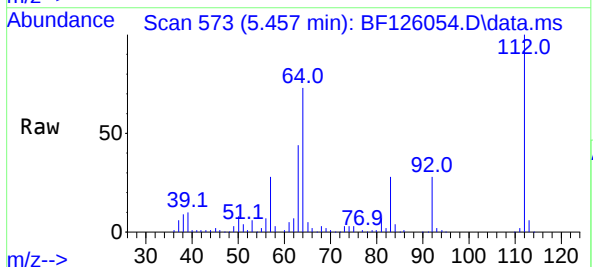
Instrument :
BNA_F
ClientSampleId :
WC-2-MD

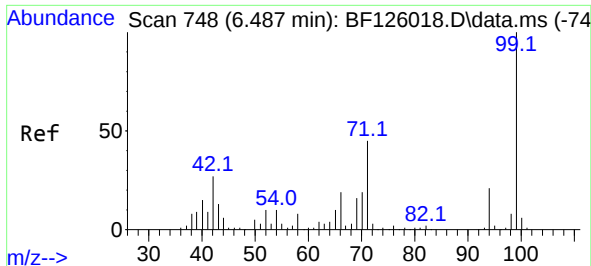
Tgt Ion:152 Resp: 134588
Ion Ratio Lower Upper
152 100
150 148.7 117.6 176.4
115 64.2 47.1 70.7



#5
2-Fluorophenol
Concen: 18.242 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF126054.D
Acq: 4 Nov 2021 19:39

Tgt Ion:112 Resp: 142966
Ion Ratio Lower Upper
112 100
64 73.2 44.2 66.2#
63 44.2 26.2 39.2#

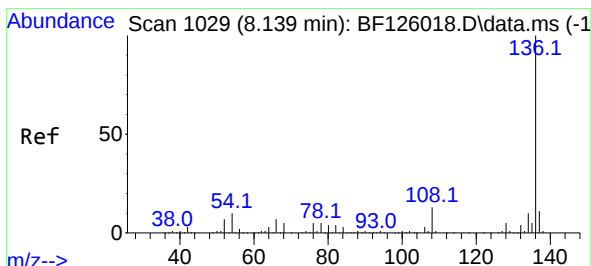
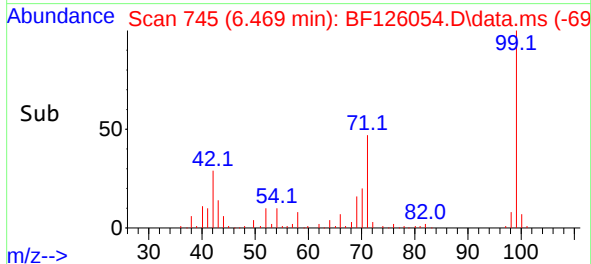
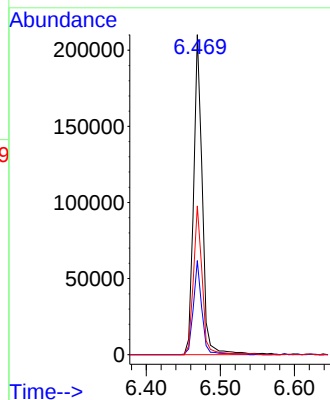
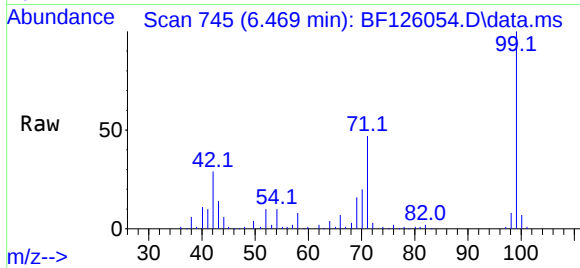




#7
Phenol-d6
Concen: 15.532 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF126054.D
Acq: 4 Nov 2021 19:39

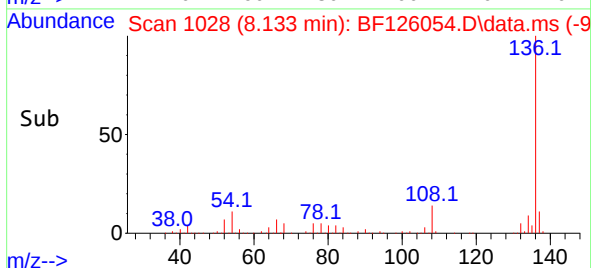
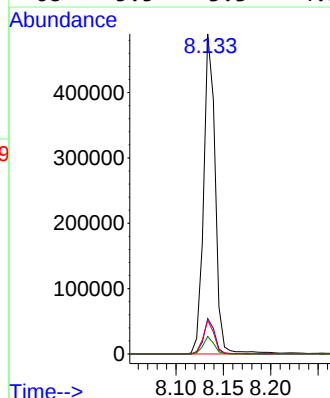
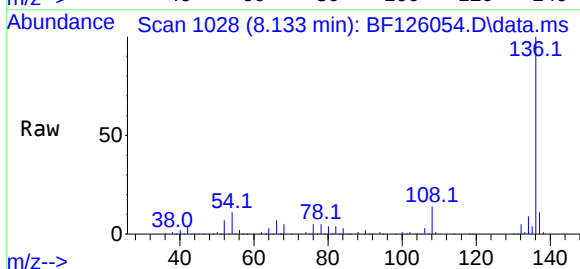
Instrument :
BNA_F
ClientSampleId :
WC-2-MD

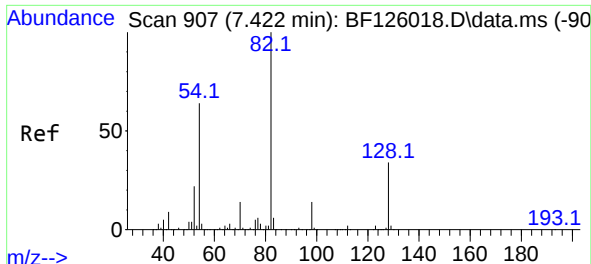
Tgt Ion: 99 Resp: 171594
Ion Ratio Lower Upper
99 100
42 29.4 23.5 35.3
71 46.5 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126054.D
Acq: 4 Nov 2021 19:39

Tgt Ion: 136 Resp: 418364
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 10.5 6.4 9.6#
68 5.5 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 13.529 ng

RT: 7.410 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF126054.D

Acq: 4 Nov 2021 19:39

Instrument :

BNA_F

ClientSampleId :

WC-2-MD

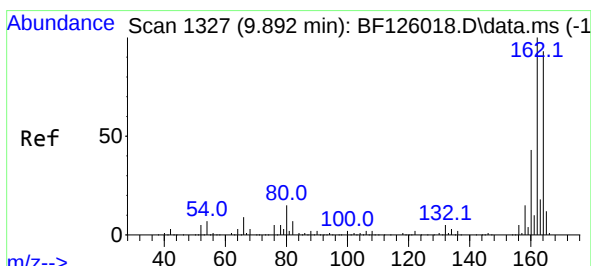
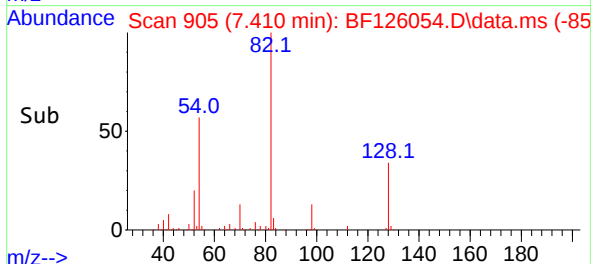
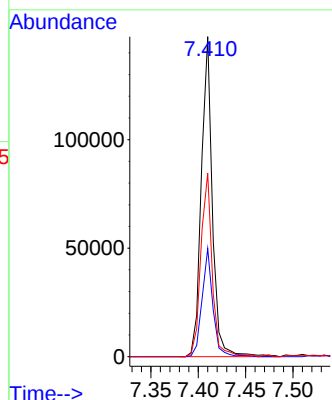
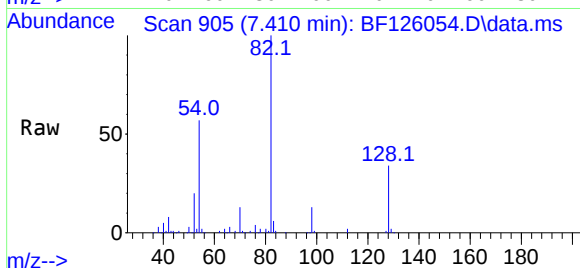
Tgt Ion: 82 Resp: 120018

Ion Ratio Lower Upper

82 100

128 33.8 40.6 60.8#

54 57.4 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF126054.D

Acq: 4 Nov 2021 19:39

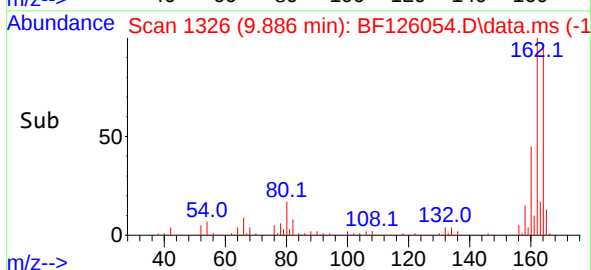
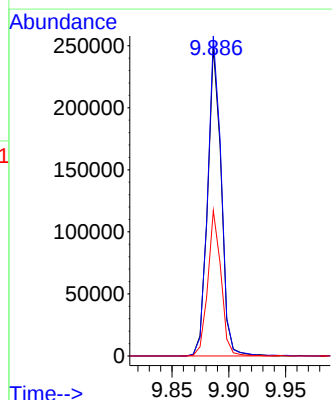
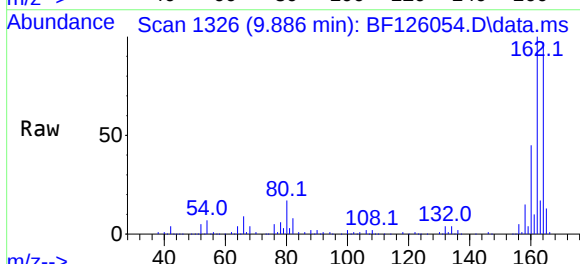
Tgt Ion:164 Resp: 205945

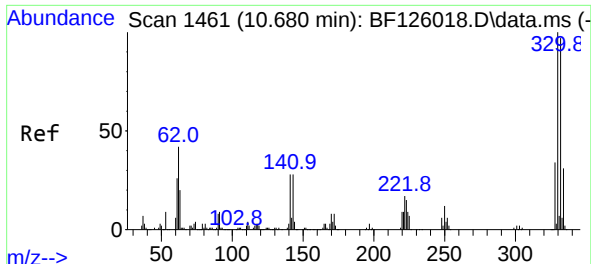
Ion Ratio Lower Upper

164 100

162 103.5 81.3 121.9

160 47.1 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 16.165 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF126054.D

Acq: 4 Nov 2021 19:39

Instrument :

BNA_F

ClientSampleId :

WC-2-MD

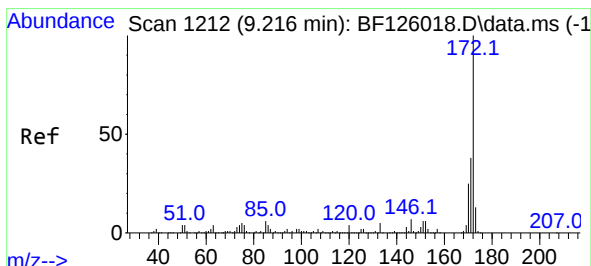
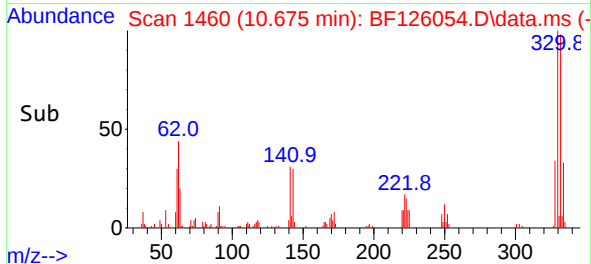
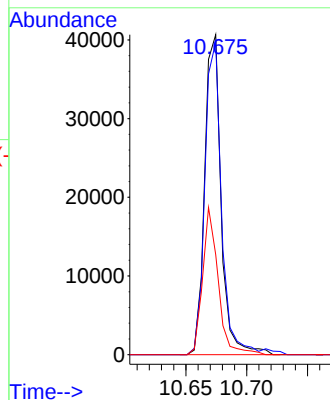
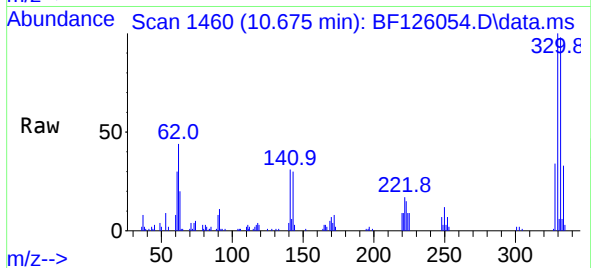
Tgt Ion:330 Resp: 38152

Ion Ratio Lower Upper

330 100

332 100.0 76.2 114.4

141 43.4 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 13.313 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF126054.D

Acq: 4 Nov 2021 19:39

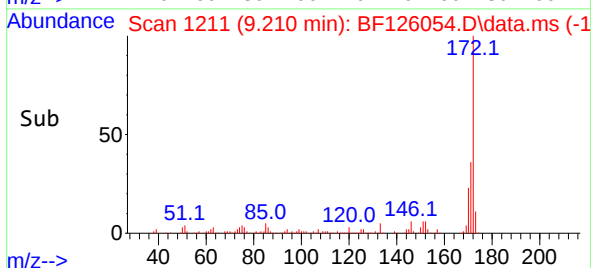
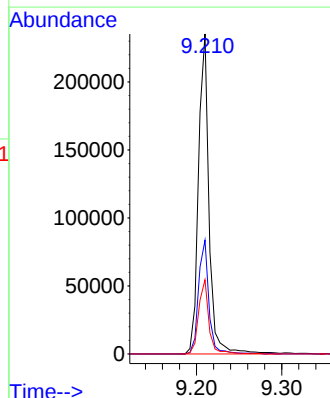
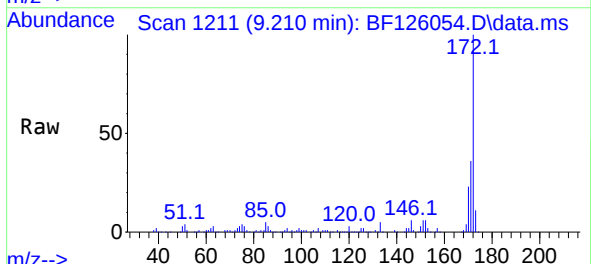
Tgt Ion:172 Resp: 202881

Ion Ratio Lower Upper

172 100

171 35.6 26.5 39.7

170 23.2 18.8 28.2

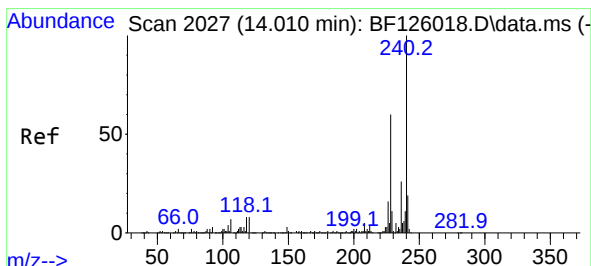
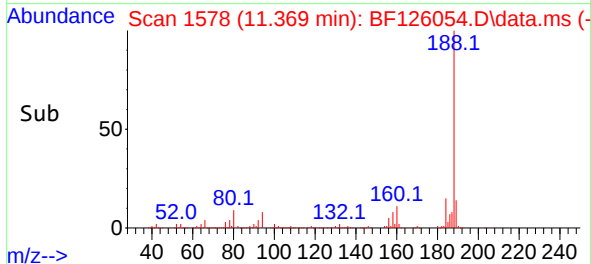
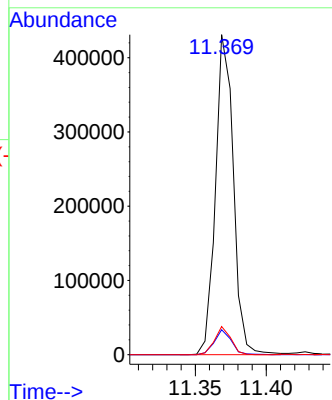
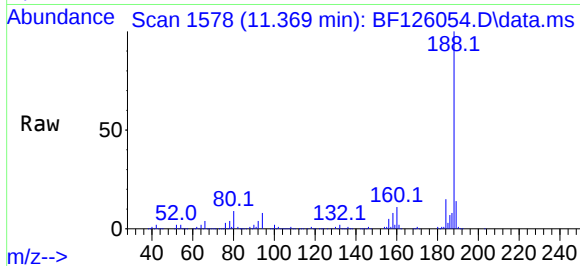




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126054.D
Acq: 4 Nov 2021 19:39

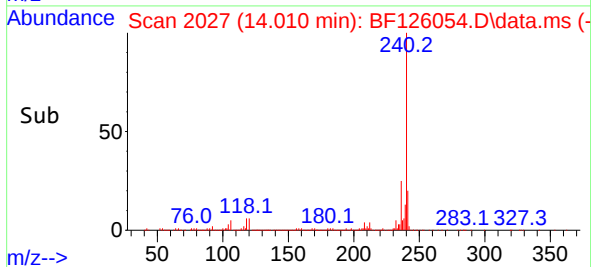
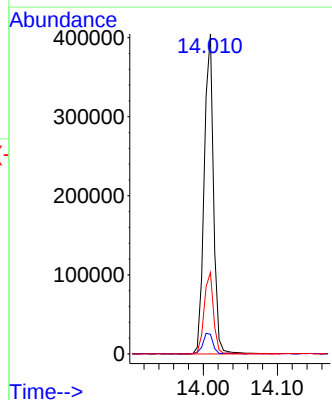
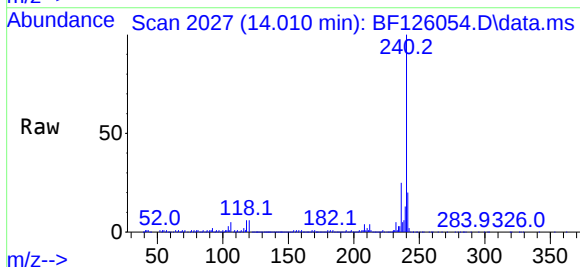
Instrument :
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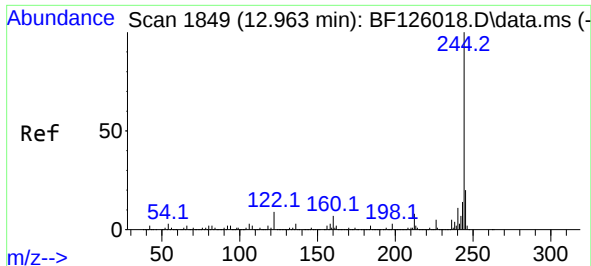
Tgt Ion:188 Resp: 376120
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF126054.D
Acq: 4 Nov 2021 19:39

Tgt Ion:240 Resp: 353778
Ion Ratio Lower Upper
240 100
120 6.2 10.8 16.2#
236 25.4 21.6 32.4

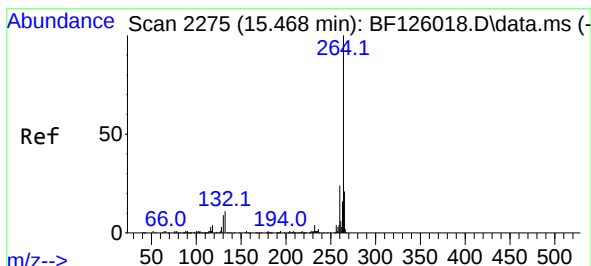
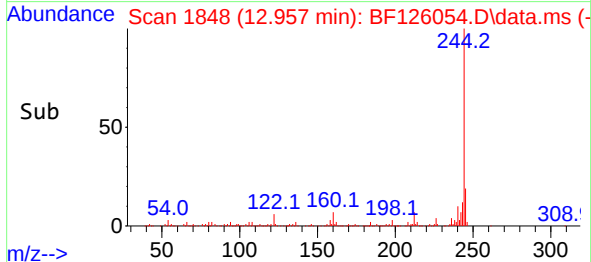
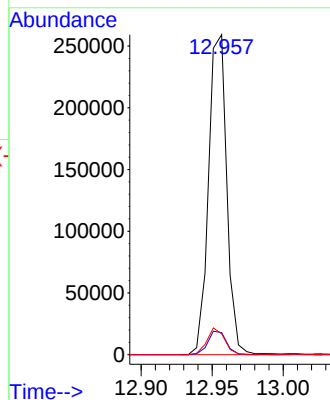
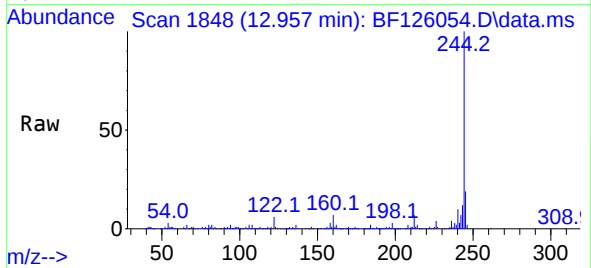




#79
 Terphenyl-d14
 Concen: 10.566 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF126054.D
 Acq: 4 Nov 2021 19:39

Instrument :
 BNA_F
 ClientSampleId :
 WC-2-MD

Tgt Ion:244 Resp: 231798
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 6.5 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. 0.006 min
 Lab File: BF126054.D
 Acq: 4 Nov 2021 19:39

Tgt Ion:264 Resp: 265086
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.6 29.4
 265 20.8 17.2 25.8

