

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
 Data File : BF126050.D
 Acq On : 4 Nov 2021 17:32
 Operator : JU/CG
 Sample : M4501-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11929

Quant Time: Nov 08 09:49:26 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	6.857	152	119335	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	404129	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	197140	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	319086	20.000	ng	0.00
76) Chrysene-d12	14.004	240	312639	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	259054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	954108	137.300	ng	0.02
7) Phenol-d6	6.481	99	1054608	107.658	ng	0.00
23) Nitrobenzene-d5	7.416	82	904961	105.606	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	307323	136.030	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1538807	105.483	ng	0.00
79) Terphenyl-d14	12.957	244	1690072	87.171	ng	0.00

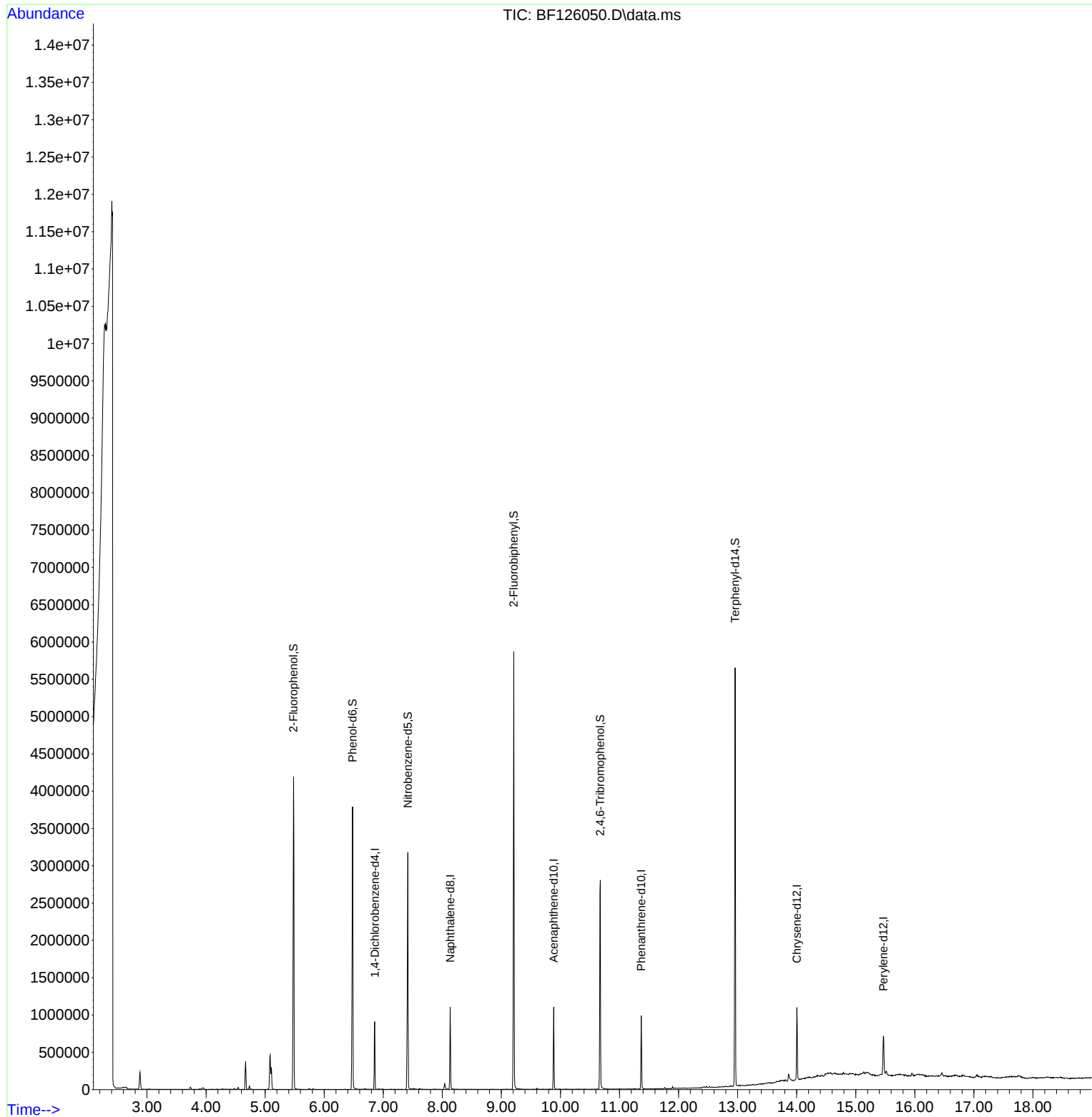
Target Compounds	Qvalue

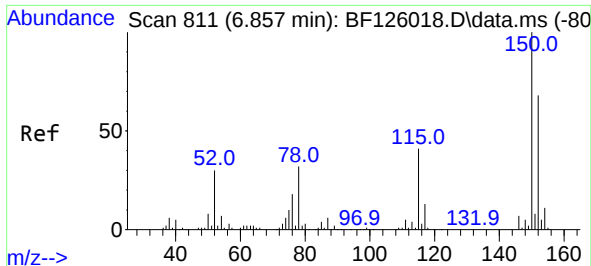
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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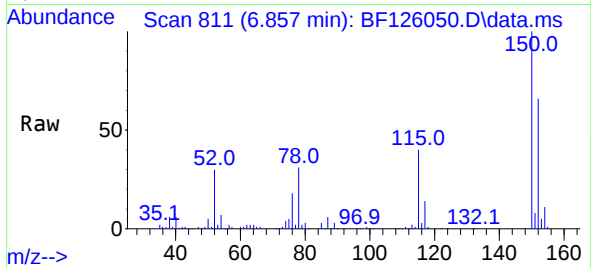
Quant Time: Nov 08 09:49:26 2021
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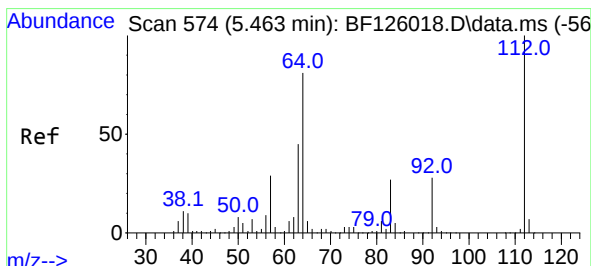
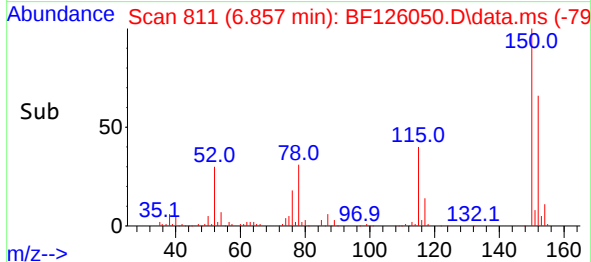
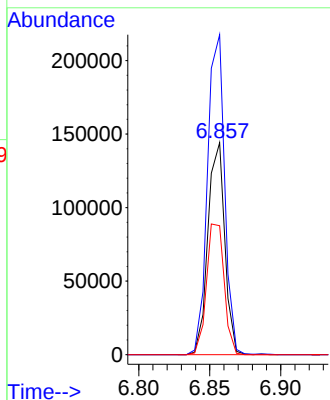


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

Instrument :
BNA_F
ClientSampleId :
72-11929

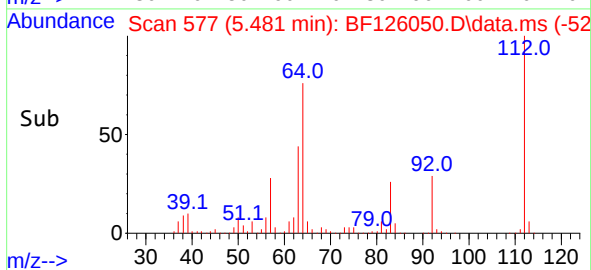
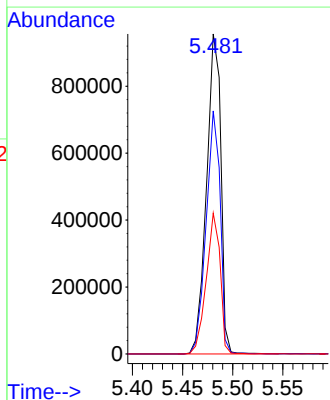
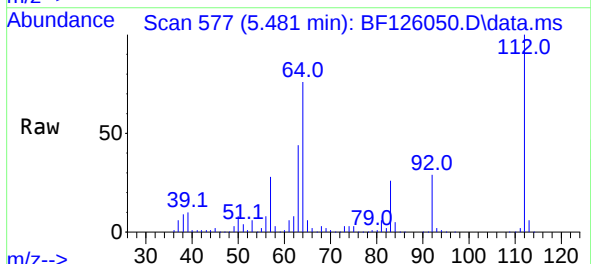


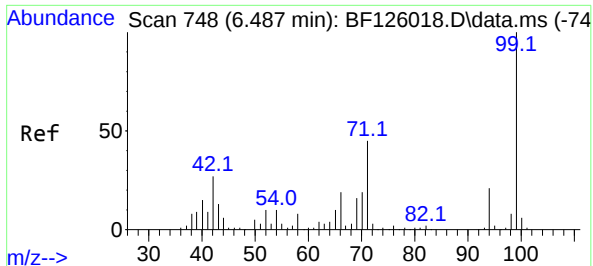
Tgt Ion:152 Resp: 119335
Ion Ratio Lower Upper
152 100
150 150.9 117.6 176.4
115 60.8 47.1 70.7



#5
2-Fluorophenol
Concen: 137.300 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

Tgt Ion:112 Resp: 954108
Ion Ratio Lower Upper
112 100
64 75.9 44.2 66.2#
63 44.0 26.2 39.2#

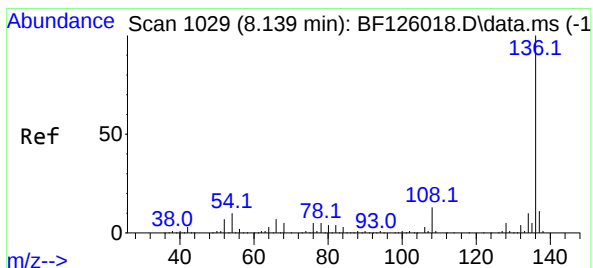
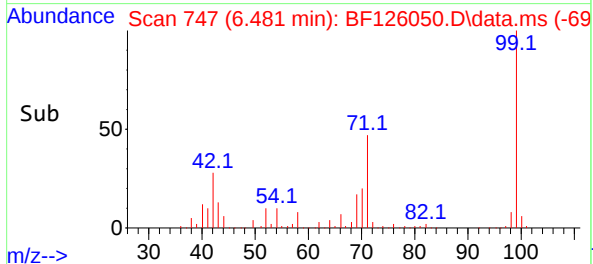
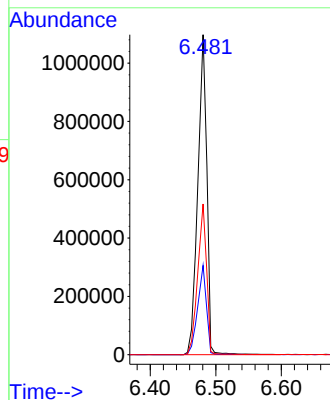
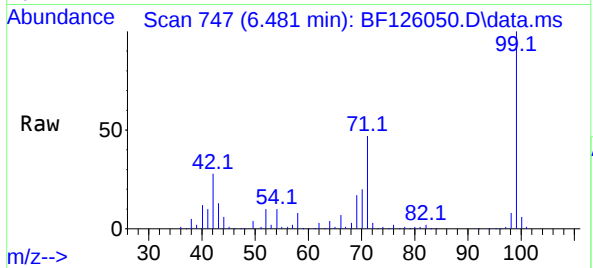




#7
Phenol-d6
Concen: 107.658 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

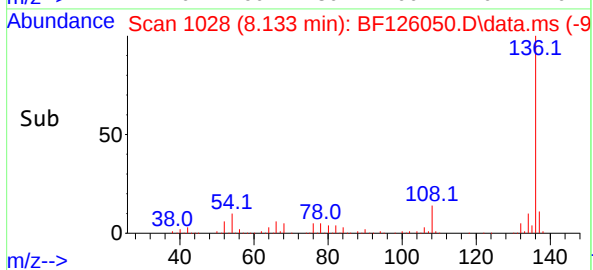
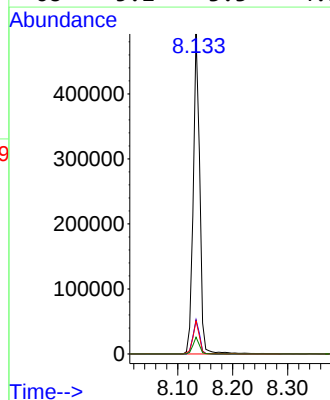
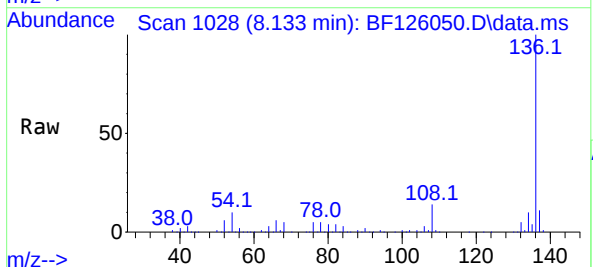
Instrument :
BNA_F
ClientSampleId :
72-11929

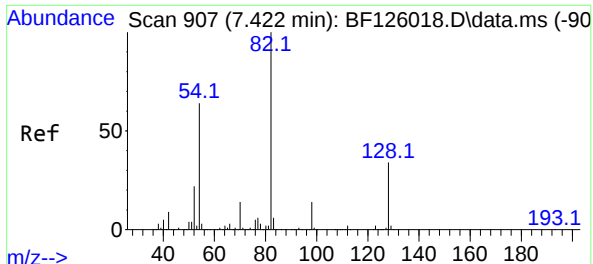
Tgt Ion: 99 Resp: 1054608
Ion Ratio Lower Upper
99 100
42 27.9 23.5 35.3
71 47.1 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

Tgt Ion:136 Resp: 404129
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 10.4 6.4 9.6#
68 5.2 3.3 4.9#

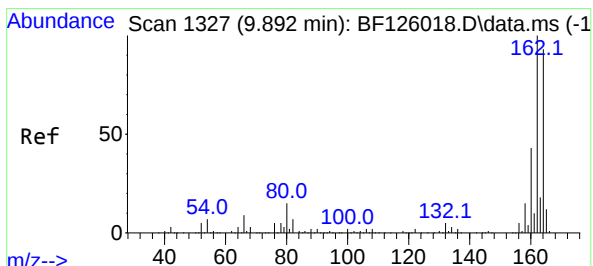
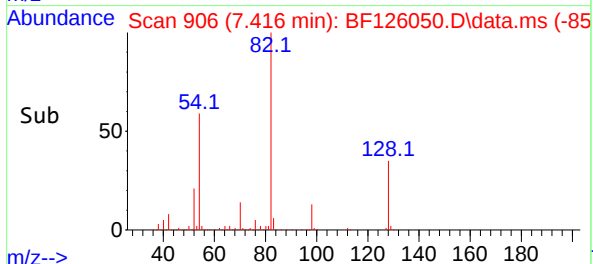
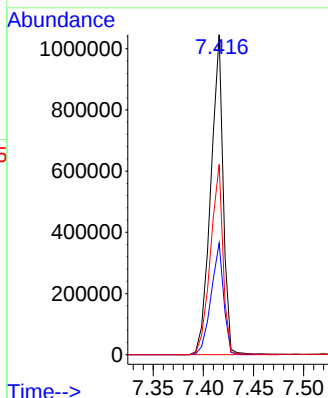
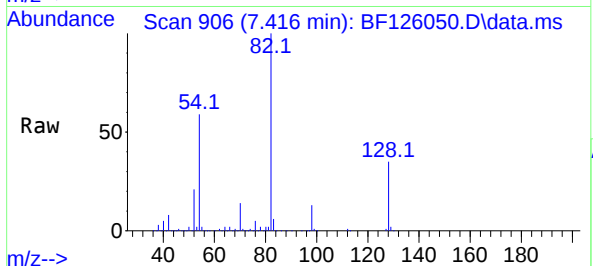




#23
Nitrobenzene-d5
Concen: 105.606 ng
RT: 7.416 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

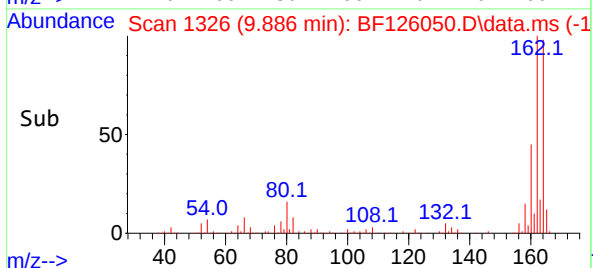
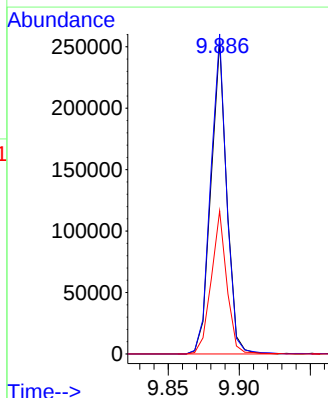
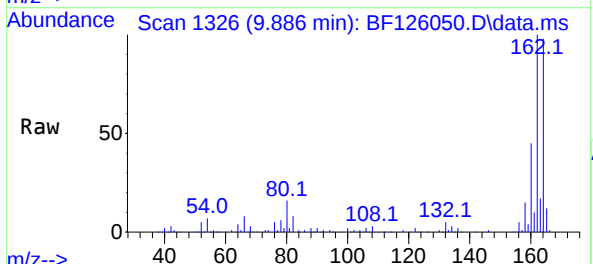
Instrument :
BNA_F
ClientSampleId :
72-11929

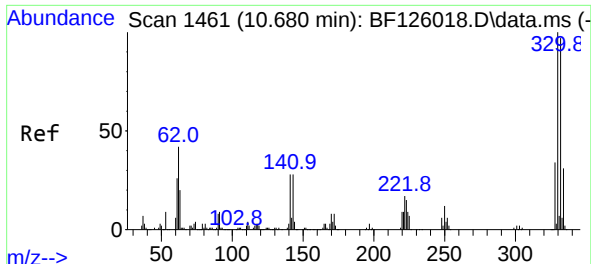
Tgt Ion: 82 Resp: 904961
Ion Ratio Lower Upper
82 100
128 34.9 40.6 60.8#
54 59.5 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

Tgt Ion:164 Resp: 197140
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 45.8 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 136.030 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF126050.D

Acq: 4 Nov 2021 17:32

Instrument :

BNA_F

ClientSampleId :

72-11929

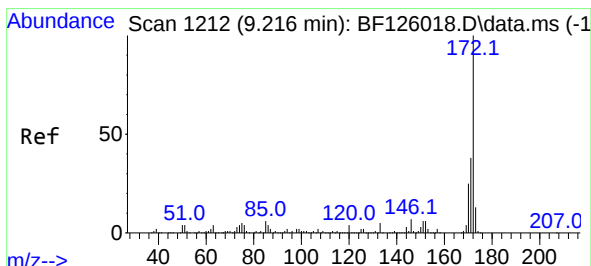
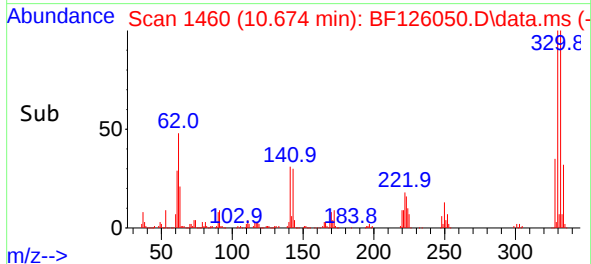
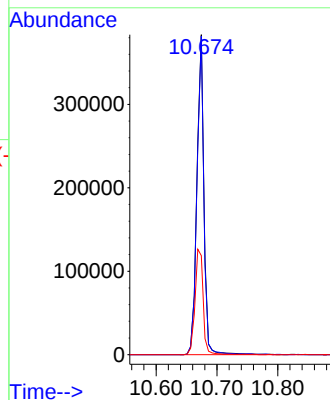
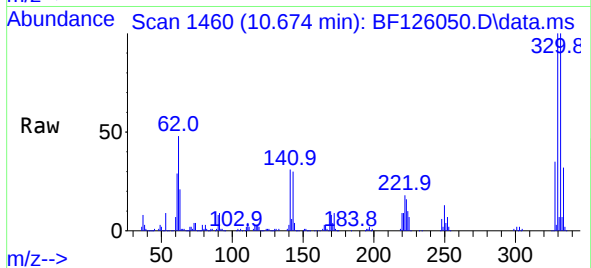
Tgt Ion:330 Resp: 307323

Ion Ratio Lower Upper

330 100

332 98.3 76.2 114.4

141 38.2 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 105.483 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF126050.D

Acq: 4 Nov 2021 17:32

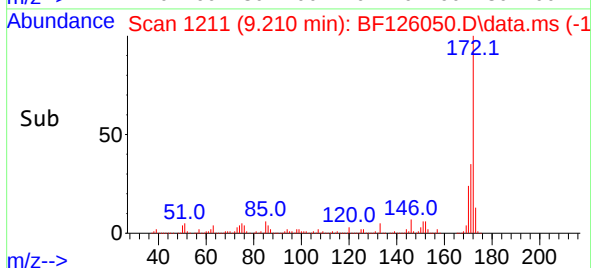
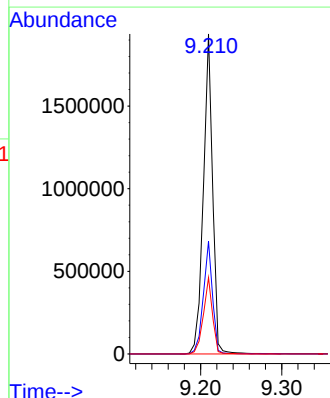
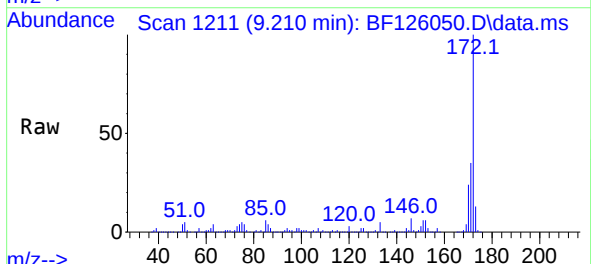
Tgt Ion:172 Resp: 1538807

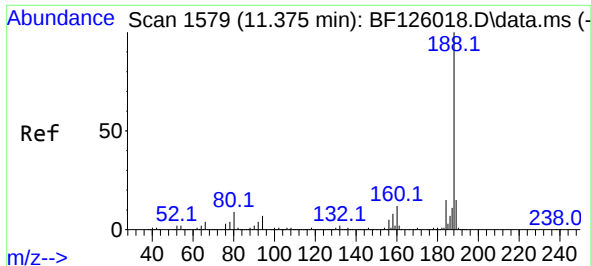
Ion Ratio Lower Upper

172 100

171 35.2 26.5 39.7

170 23.9 18.8 28.2

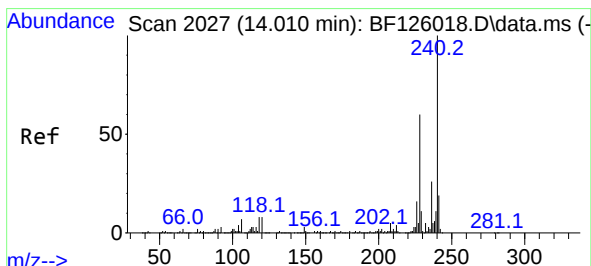
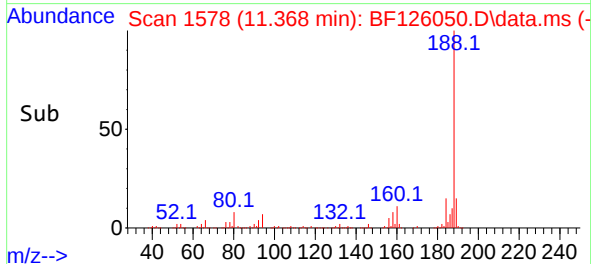
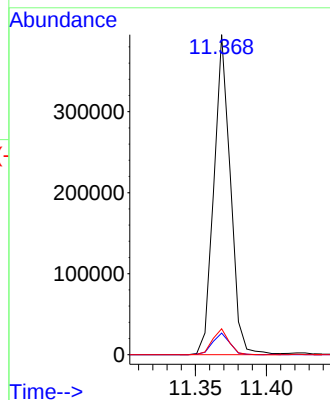
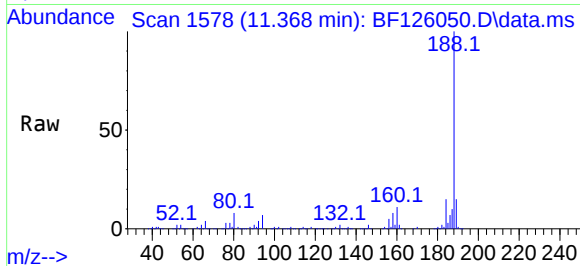




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 11
Delta R.T. -0.007 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

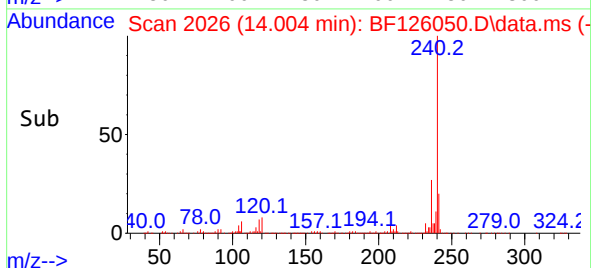
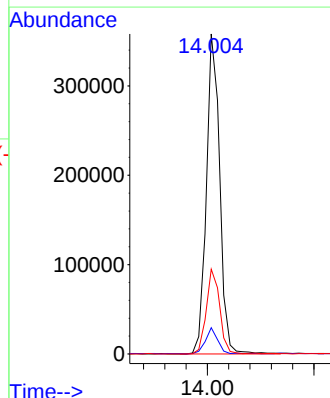
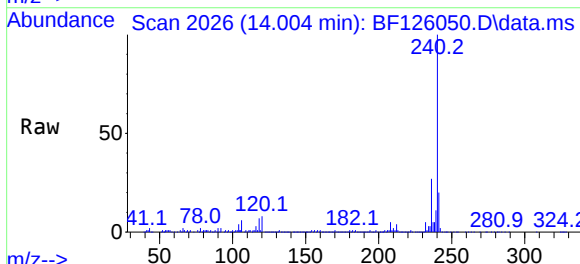
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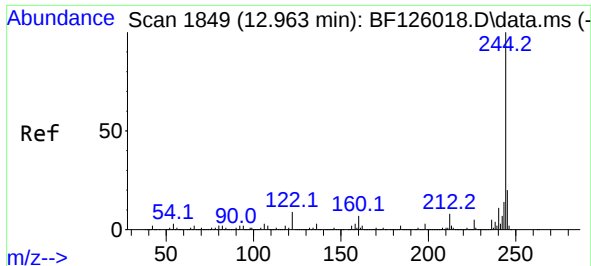
Tgt Ion:188 Resp: 319086
Ion Ratio Lower Upper
188 100
94 6.8 6.7 10.1
80 8.1 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

Tgt Ion:240 Resp: 312639
Ion Ratio Lower Upper
240 100
120 8.2 10.8 16.2#
236 26.5 21.6 32.4

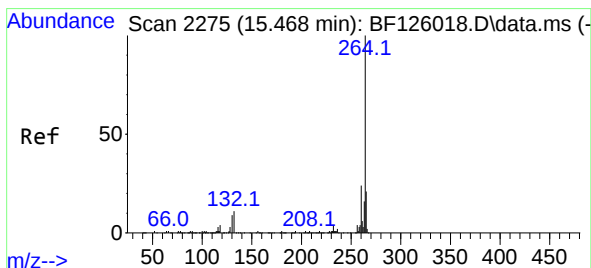
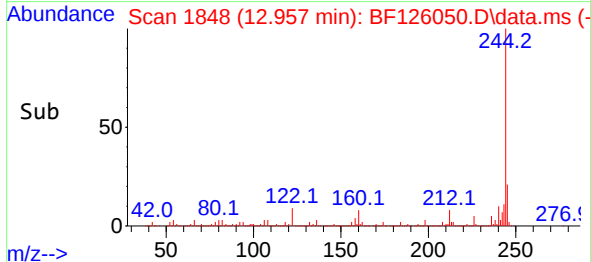
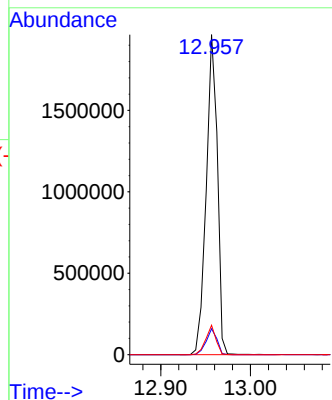
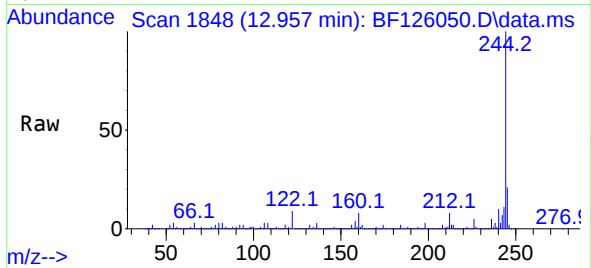




#79
Terphenyl-d14
Concen: 87.171 ng
RT: 12.957 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

Instrument :
BNA_F
ClientSampleId :
72-11929

Tgt Ion:244 Resp: 1690072
Ion Ratio Lower Upper
244 100
212 8.1 5.9 8.9
122 9.2 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

Tgt Ion:264 Resp: 259054
Ion Ratio Lower Upper
264 100
260 22.8 19.6 29.4
265 20.5 17.2 25.8

