

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110821\
 Data File : BF126073.D
 Acq On : 8 Nov 2021 19:26
 Operator : JU/CG
 Sample : M4477-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T5-EP1-S

Quant Time: Nov 09 09:35:21 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	163174	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	548831	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	277095	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	425040	20.000	ng	0.00
76) Chrysene-d12	14.010	240	392070	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	306605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	801711	84.374	ng	0.00
7) Phenol-d6	6.481	99	1051294	78.487	ng	0.00
23) Nitrobenzene-d5	7.410	82	776326	66.709	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	205938	64.852	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1361055	66.377	ng	0.00
79) Terphenyl-d14	12.957	244	1280228	52.655	ng	0.00

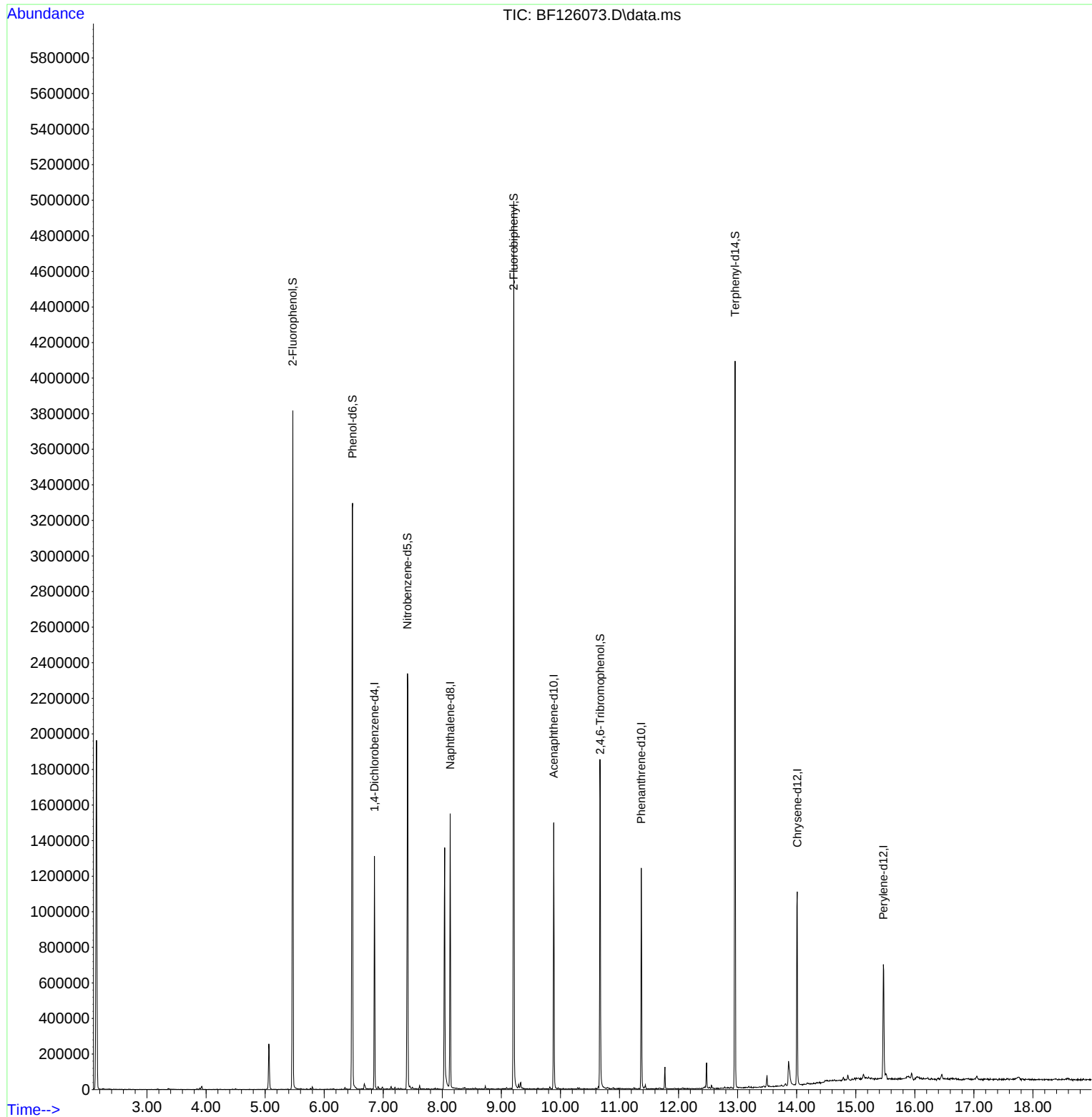
Target Compounds	Qvalue

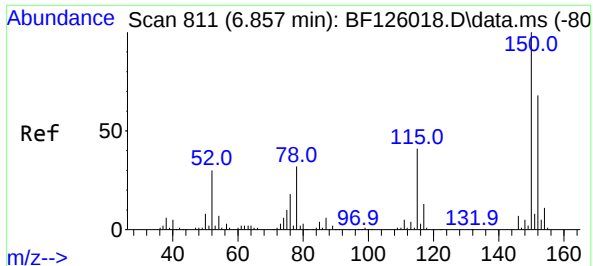
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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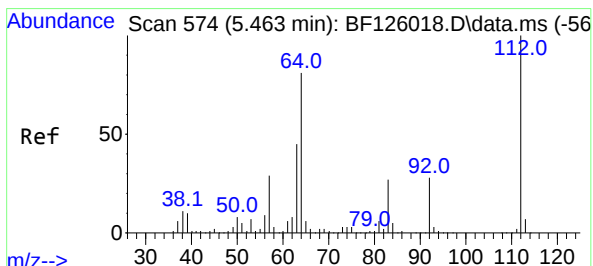
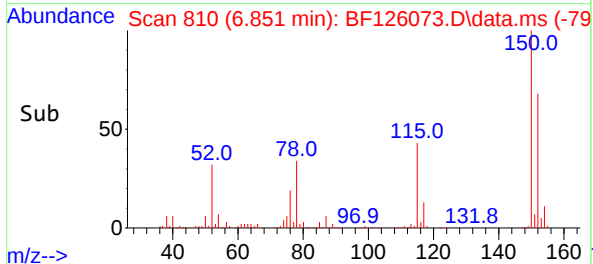
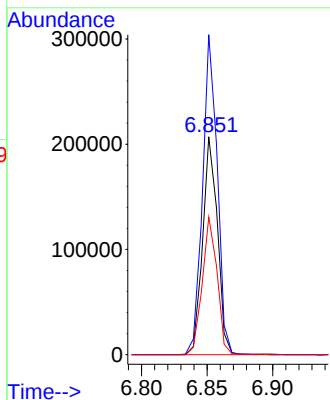
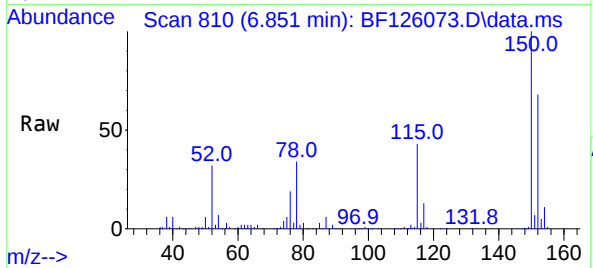




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126073.D
Acq: 8 Nov 2021 19:26

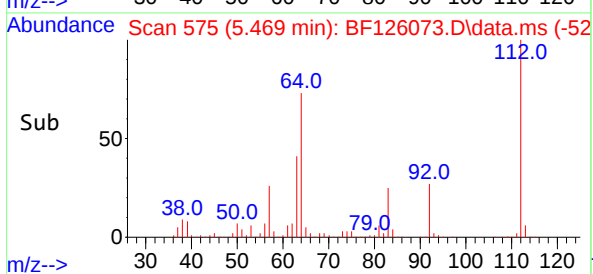
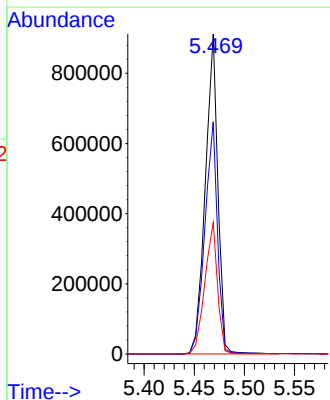
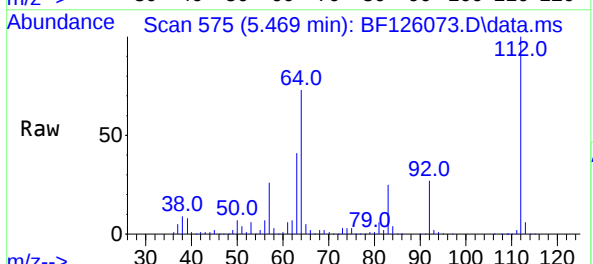
Instrument :
BNA_F
ClientSampleId :
T5-EP1-S

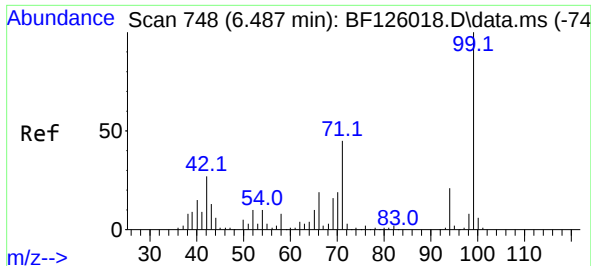
Tgt Ion:152 Resp: 163174
Ion Ratio Lower Upper
152 100
150 146.8 117.6 176.4
115 63.1 47.1 70.7



#5
2-Fluorophenol
Concen: 84.374 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF126073.D
Acq: 8 Nov 2021 19:26

Tgt Ion:112 Resp: 801711
Ion Ratio Lower Upper
112 100
64 72.6 44.2 66.2#
63 41.1 26.2 39.2#

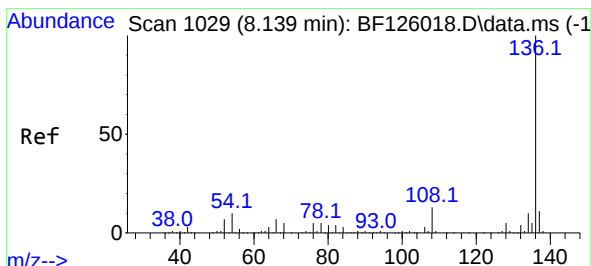
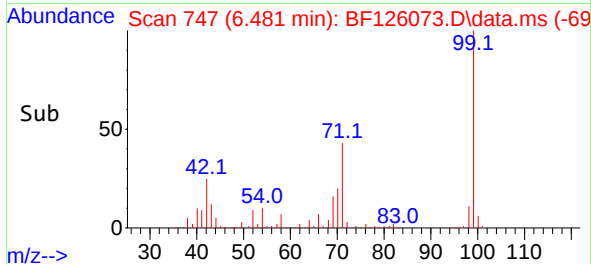
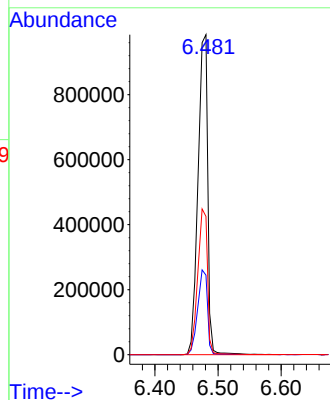
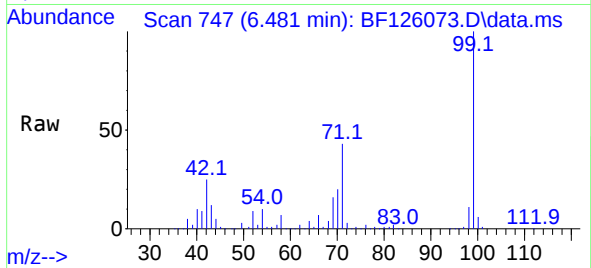




#7
Phenol-d6
Concen: 78.487 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126073.D
Acq: 8 Nov 2021 19:26

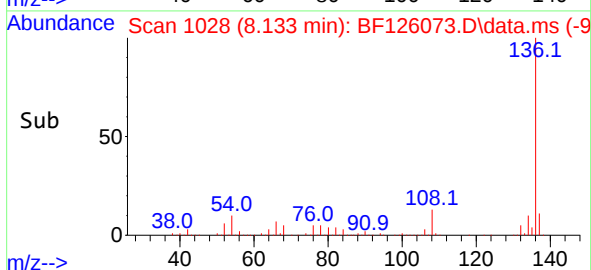
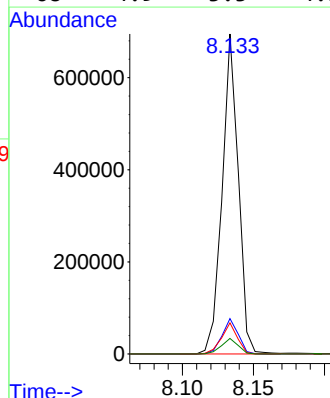
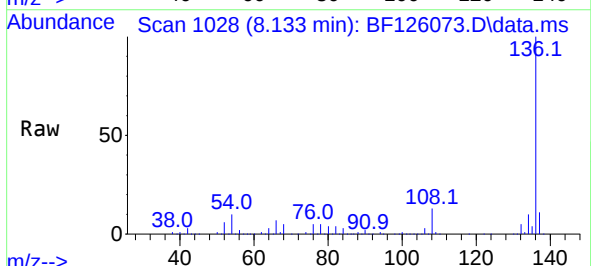
Instrument :
BNA_F
ClientSampleId :
T5-EP1-S

Tgt Ion: 99 Resp: 1051294
Ion Ratio Lower Upper
99 100
42 24.9 23.5 35.3
71 43.2 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: BF126073.D
Acq: 8 Nov 2021 19:26

Tgt Ion: 136 Resp: 548831
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 9.7 6.4 9.6#
68 4.9 3.3 4.9





#23

Nitrobenzene-d5

Concen: 66.709 ng

RT: 7.410 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF126073.D

Acq: 8 Nov 2021 19:26

Instrument :

BNA_F

ClientSampleId :

T5-EP1-S

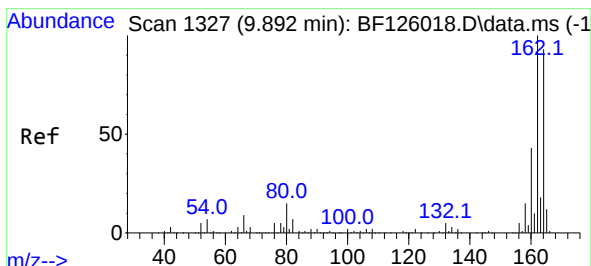
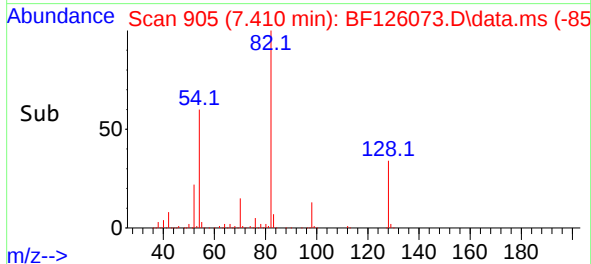
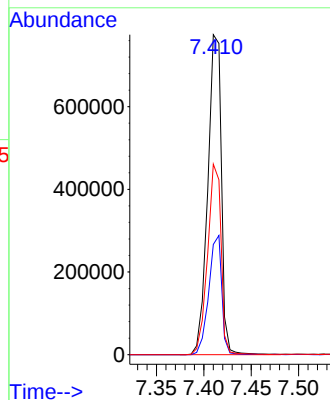
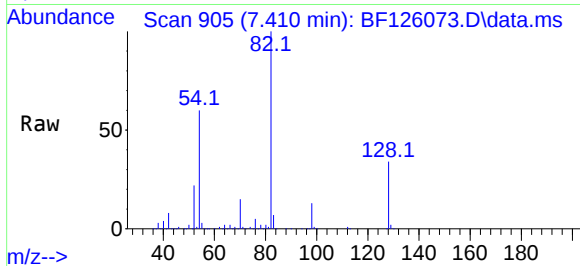
Tgt Ion: 82 Resp: 776326

Ion Ratio Lower Upper

82 100

128 34.5 40.6 60.8#

54 59.6 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: BF126073.D

Acq: 8 Nov 2021 19:26

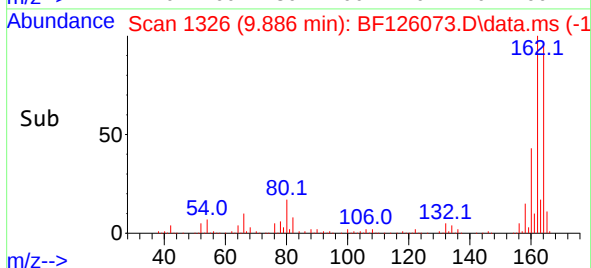
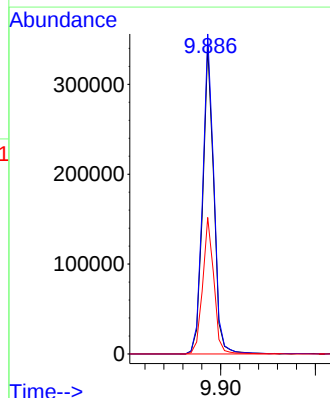
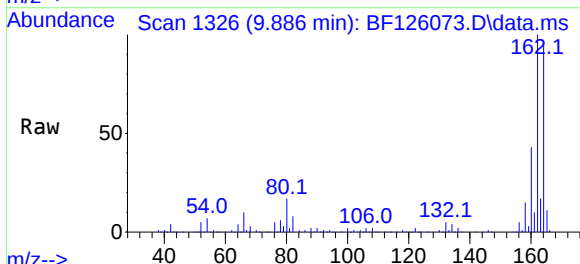
Tgt Ion:164 Resp: 277095

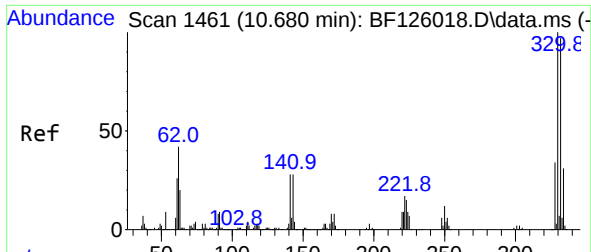
Ion Ratio Lower Upper

164 100

162 104.0 81.3 121.9

160 44.4 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 64.852 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF126073.D

Acq: 8 Nov 2021 19:26

Instrument :

BNA_F

ClientSampleId :

T5-EP1-S

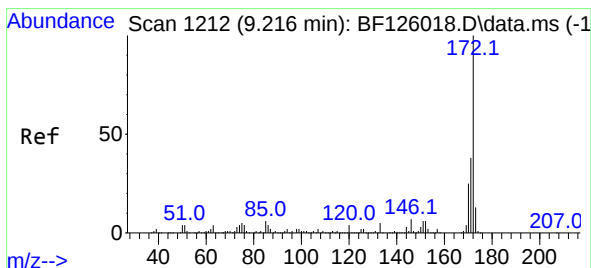
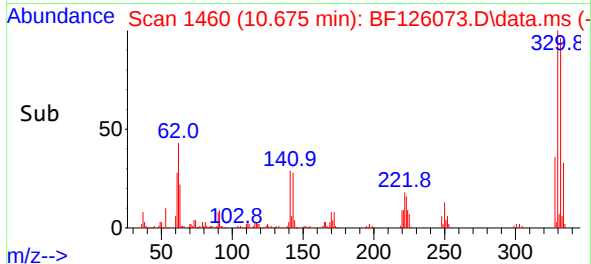
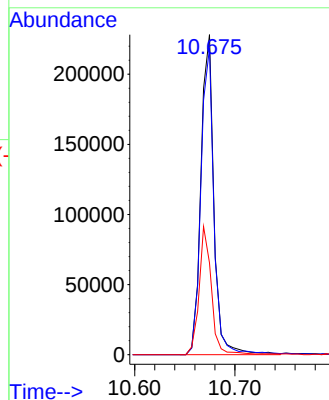
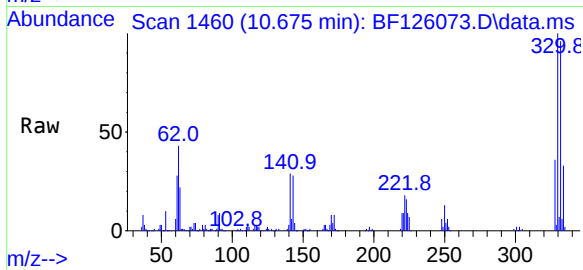
Tgt Ion:330 Resp: 205938

Ion Ratio Lower Upper

330 100

332 97.0 76.2 114.4

141 37.7 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 66.377 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF126073.D

Acq: 8 Nov 2021 19:26

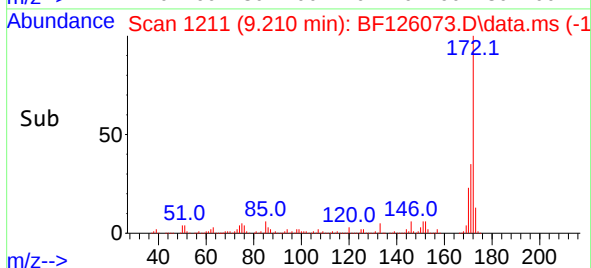
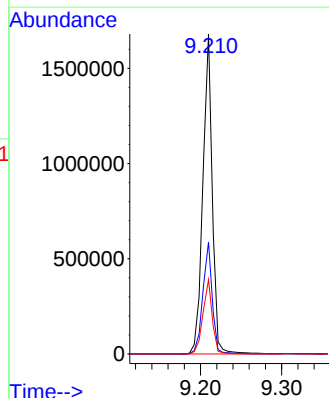
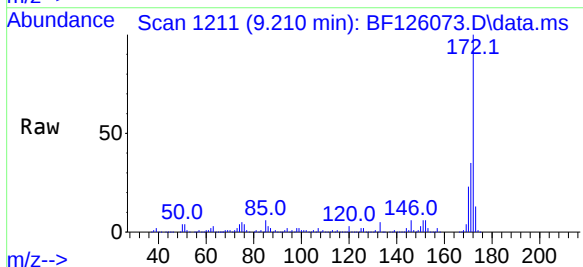
Tgt Ion:172 Resp: 1361055

Ion Ratio Lower Upper

172 100

171 35.0 26.5 39.7

170 23.2 18.8 28.2

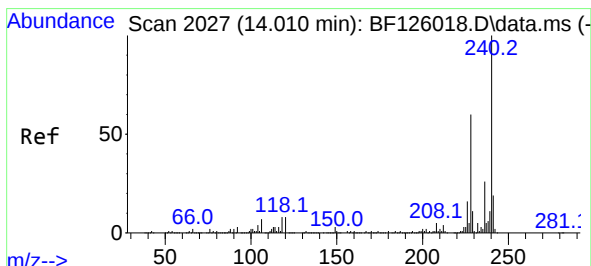
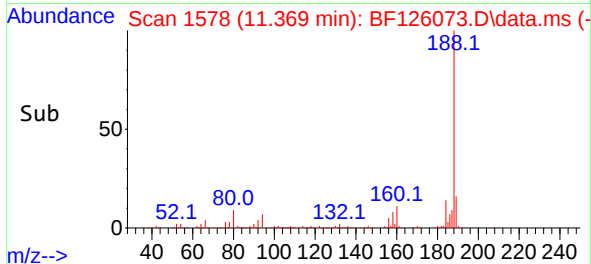
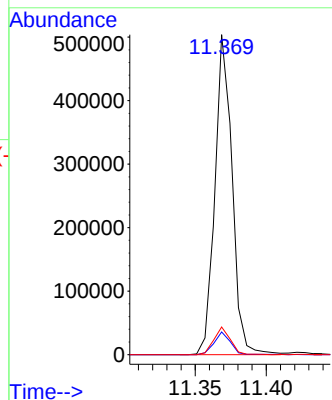
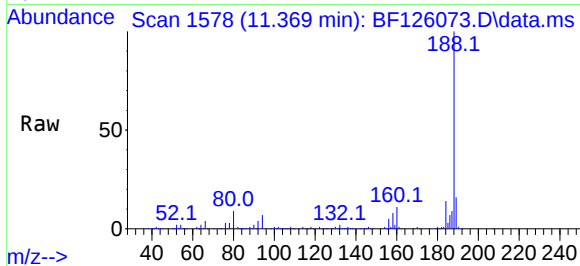




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126073.D
Acq: 8 Nov 2021 19:26

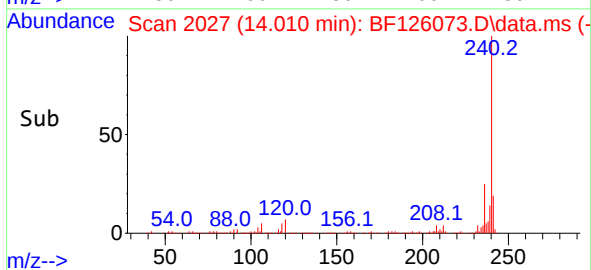
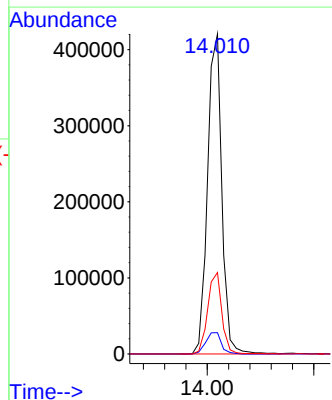
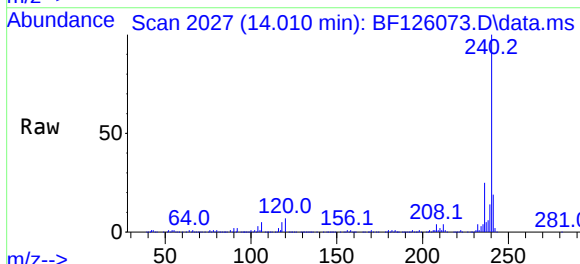
Instrument :
BNA_F
ClientSampleId :
T5-EP1-S

Tgt Ion:188 Resp: 425040
Ion Ratio Lower Upper
188 100
94 7.1 6.7 10.1
80 8.7 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: BF126073.D
Acq: 8 Nov 2021 19:26

Tgt Ion:240 Resp: 392070
Ion Ratio Lower Upper
240 100
120 6.6 10.8 16.2#
236 25.5 21.6 32.4

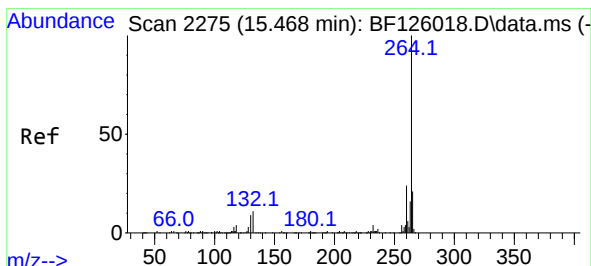
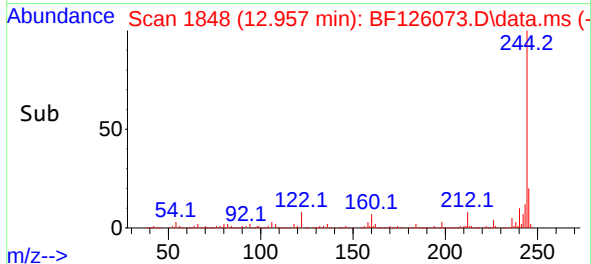
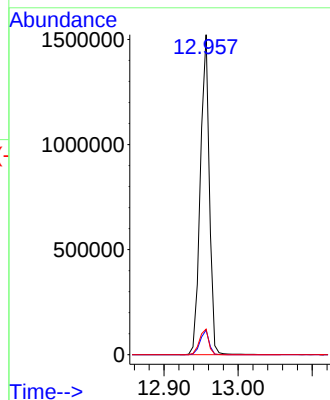
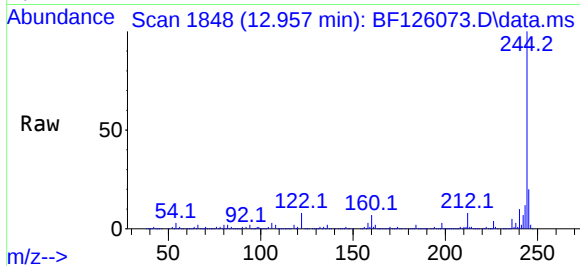




#79
 Terphenyl-d14
 Concen: 52.655 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF126073.D
 Acq: 8 Nov 2021 19:26

Instrument :
 BNA_F
 ClientSampleId :
 T5-EP1-S

Tgt Ion:244 Resp: 1280228
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 8.0 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: BF126073.D
 Acq: 8 Nov 2021 19:26

Tgt Ion:264 Resp: 306605
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.6 29.4
 265 20.1 17.2 25.8

