

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
 Data File : BF126078.D
 Acq On : 9 Nov 2021 12:41
 Operator : JU/CG
 Sample : M4540-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Nov 09 14:52:24 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	159295	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	589208	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	351704	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	631489	20.000	ng	0.00
76) Chrysene-d12	14.010	240	377388	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	359055	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1076301	116.031	ng	0.01
7) Phenol-d6	6.481	99	1395684	106.735	ng	0.00
23) Nitrobenzene-d5	7.410	82	1046589	83.769	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	471145	116.894	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1923357	73.902	ng	0.00
79) Terphenyl-d14	12.957	244	1847396	78.938	ng	0.00

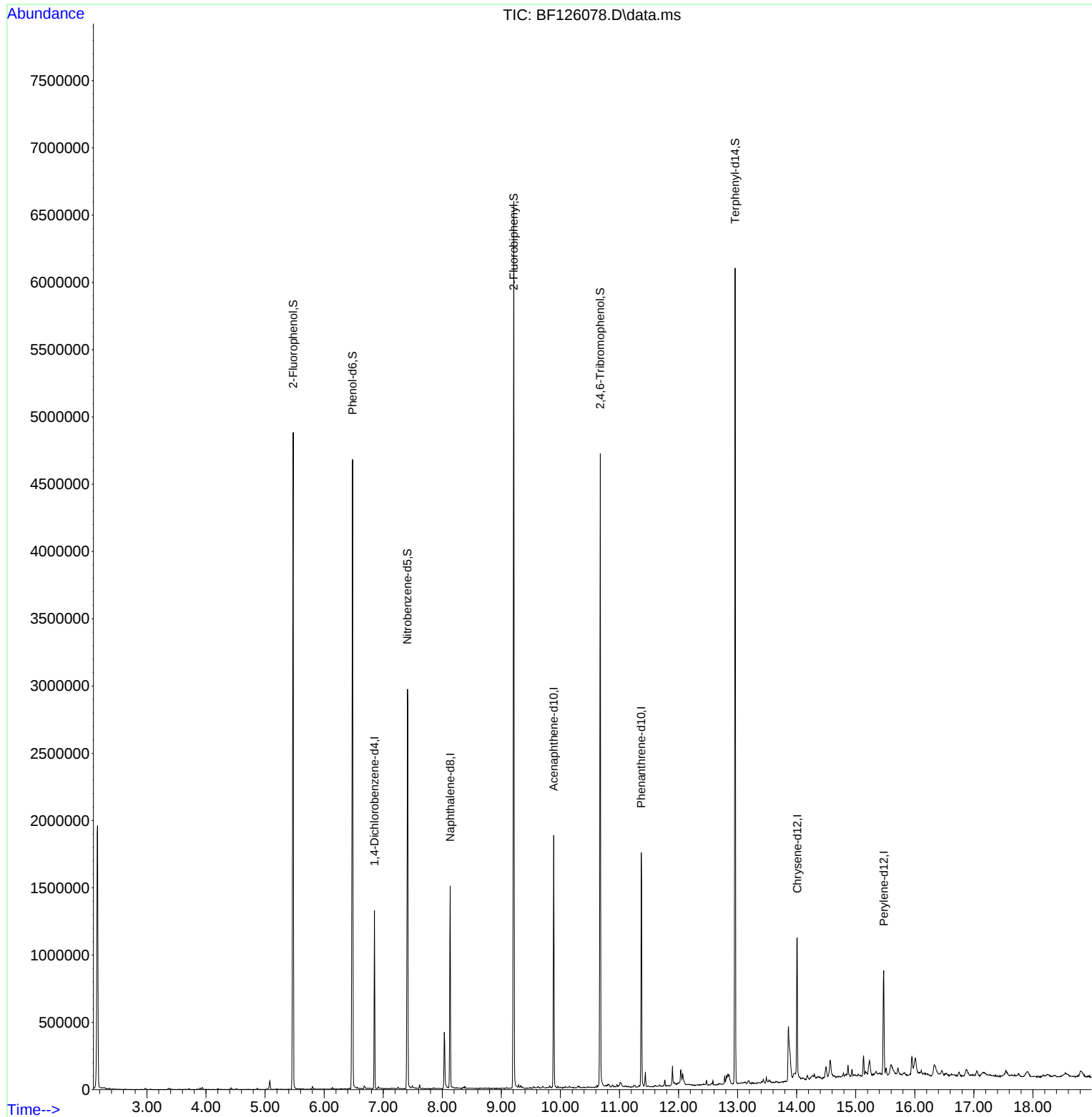
Target Compounds	Qvalue

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

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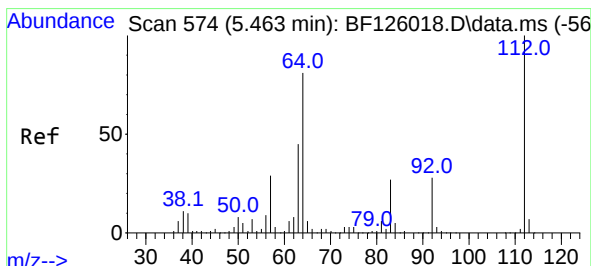
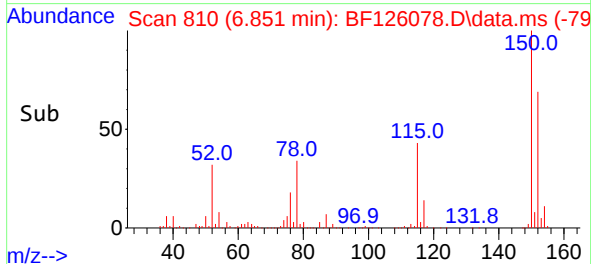
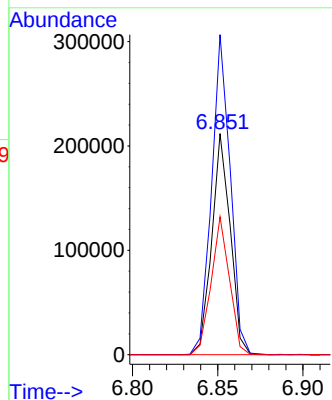
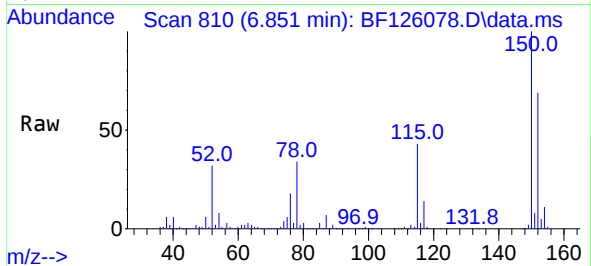




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126078.D
Acq: 9 Nov 2021 12:41

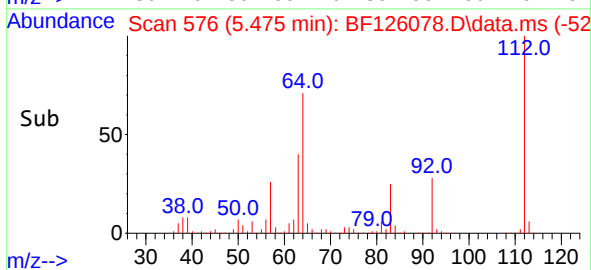
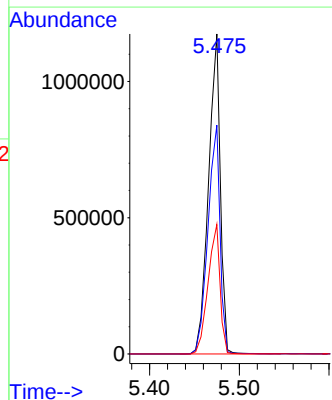
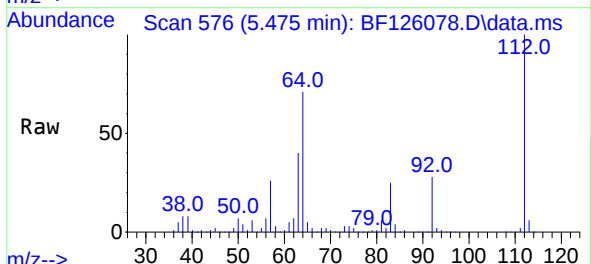
Instrument :
BNA_F
ClientSampleId :
TP-4

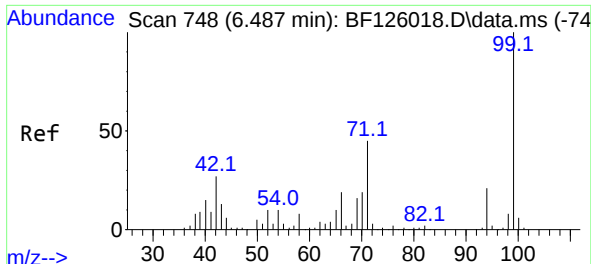
Tgt Ion:152 Resp: 159295
Ion Ratio Lower Upper
152 100
150 144.7 117.6 176.4
115 62.4 47.1 70.7



#5
2-Fluorophenol
Concen: 116.031 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF126078.D
Acq: 9 Nov 2021 12:41

Tgt Ion:112 Resp: 1076301
Ion Ratio Lower Upper
112 100
64 71.5 44.2 66.2#
63 40.5 26.2 39.2#

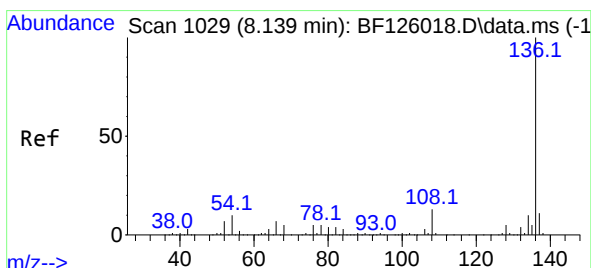
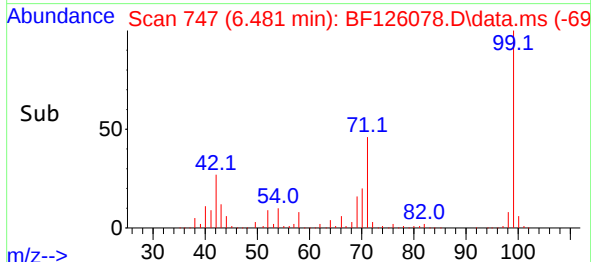
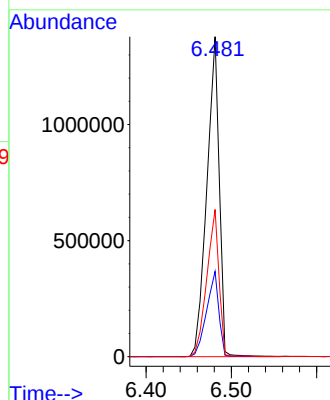
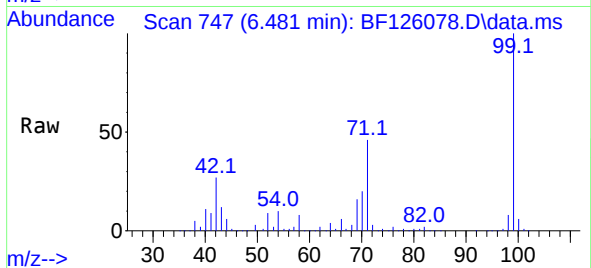




#7
Phenol-d6
Concen: 106.735 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126078.D
Acq: 9 Nov 2021 12:41

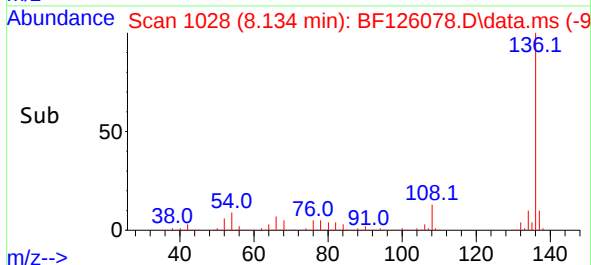
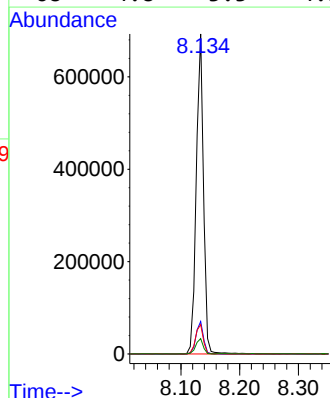
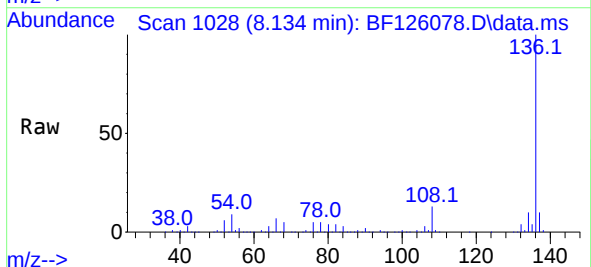
Instrument :
BNA_F
ClientSampleId :
TP-4

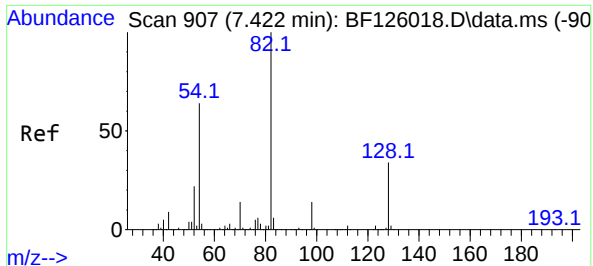
Tgt Ion: 99 Resp: 1395684
Ion Ratio Lower Upper
99 100
42 26.7 23.5 35.3
71 46.0 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF126078.D
Acq: 9 Nov 2021 12:41

Tgt Ion:136 Resp: 589208
Ion Ratio Lower Upper
136 100
137 10.2 9.8 14.6
54 9.1 6.4 9.6
68 4.8 3.3 4.9





#23

Nitrobenzene-d5

Concen: 83.769 ng

RT: 7.410 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF126078.D

Acq: 9 Nov 2021 12:41

Instrument :

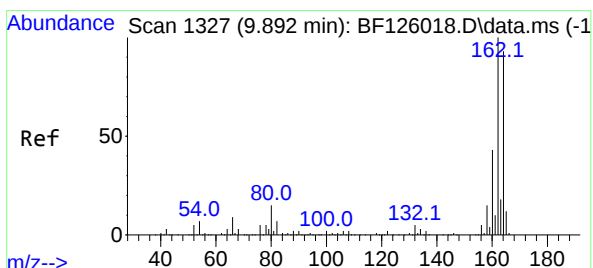
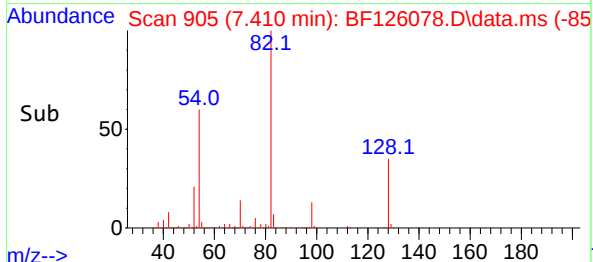
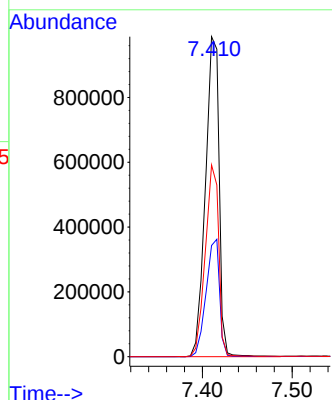
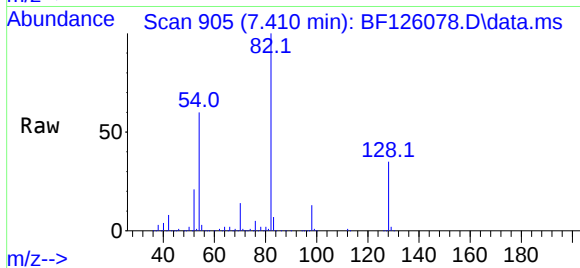
BNA_F

ClientSampleId :

TP-4

Tgt Ion: 82 Resp: 1046589

Ion	Ratio	Lower	Upper
82	100		
128	34.8	40.6	60.8#
54	59.9	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

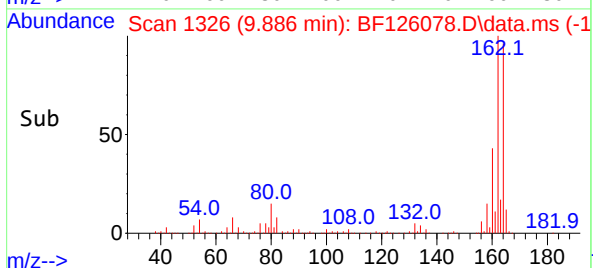
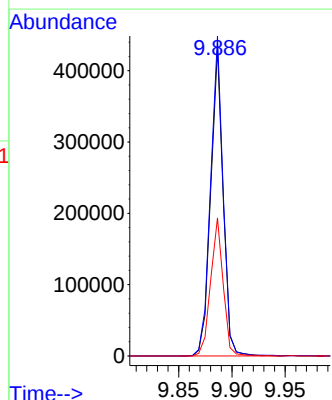
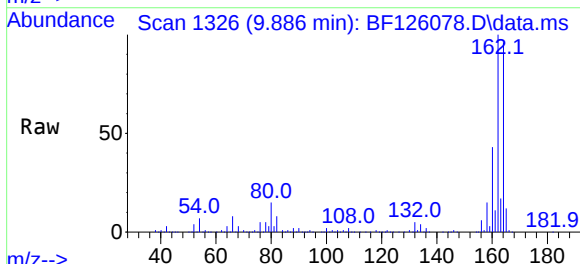
Delta R.T. -0.006 min

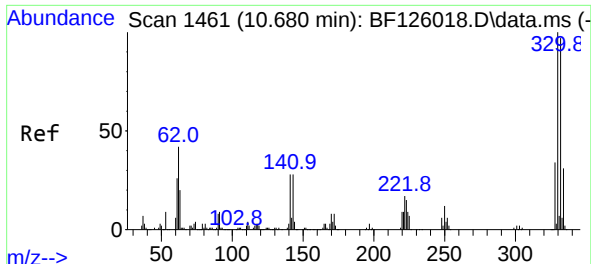
Lab File: BF126078.D

Acq: 9 Nov 2021 12:41

Tgt Ion: 164 Resp: 351704

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.3	121.9
160	44.8	38.0	57.0





#42

2,4,6-Tribromophenol

Concen: 116.894 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF126078.D

Acq: 9 Nov 2021 12:41

Instrument :

BNA_F

ClientSampleId :

TP-4

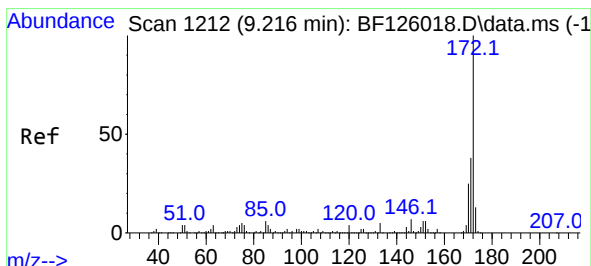
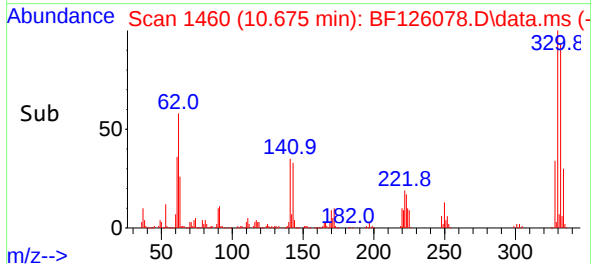
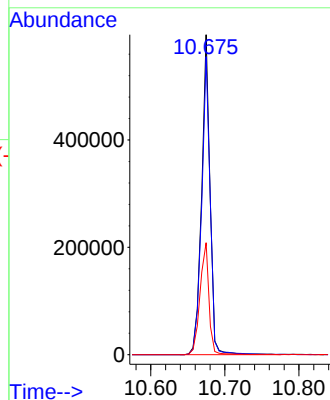
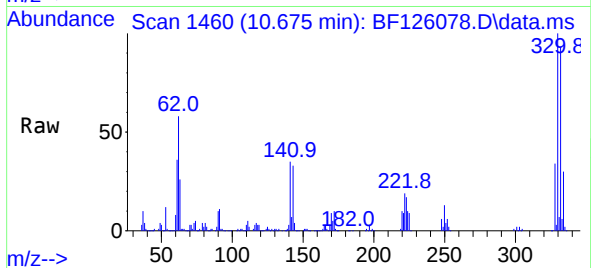
Tgt Ion:330 Resp: 471145

Ion Ratio Lower Upper

330 100

332 95.3 76.2 114.4

141 37.3 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 73.902 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF126078.D

Acq: 9 Nov 2021 12:41

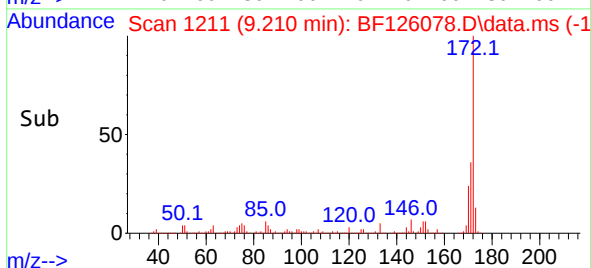
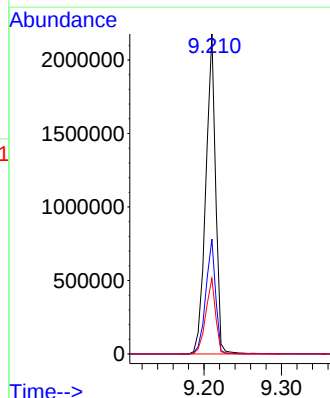
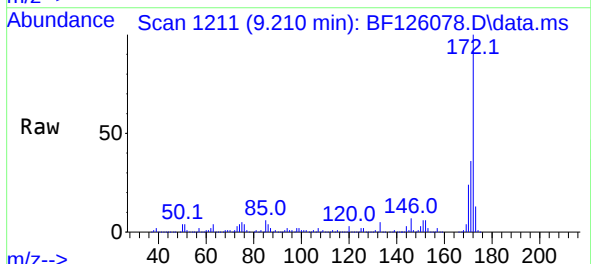
Tgt Ion:172 Resp: 1923357

Ion Ratio Lower Upper

172 100

171 35.9 26.5 39.7

170 23.7 18.8 28.2

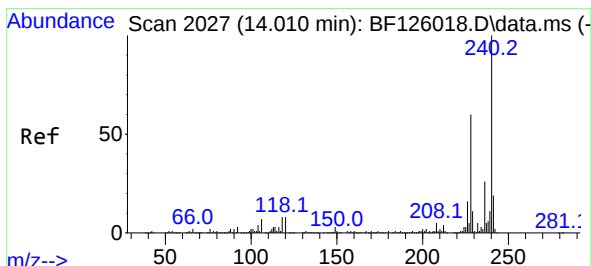
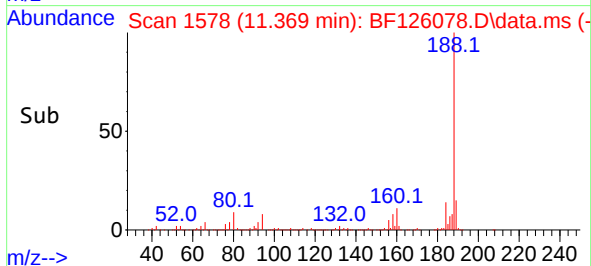
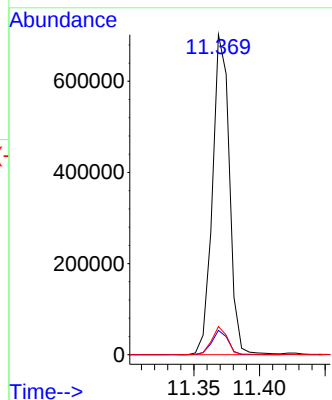
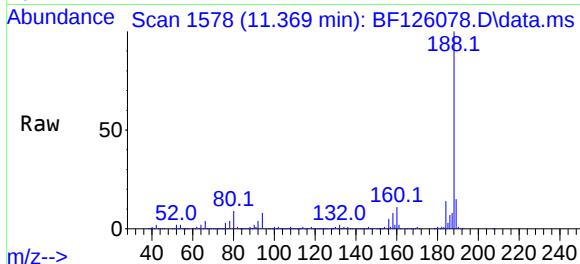




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126078.D
Acq: 9 Nov 2021 12:41

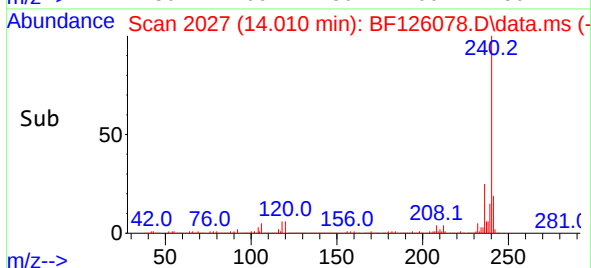
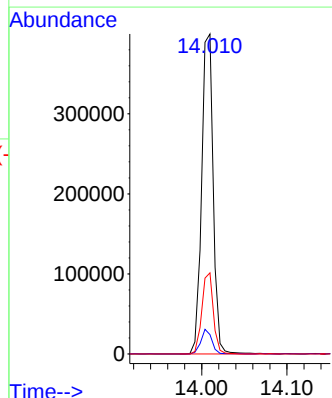
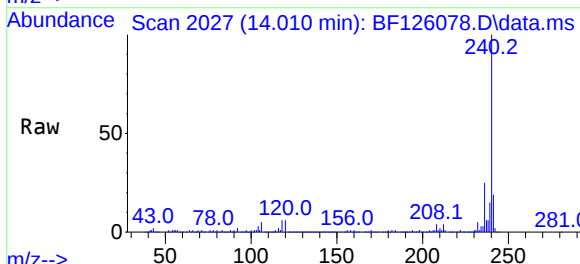
Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:188 Resp: 631489
Ion Ratio Lower Upper
188 100
94 7.6 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: BF126078.D
Acq: 9 Nov 2021 12:41

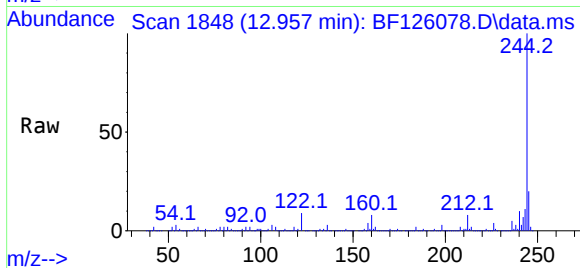
Tgt Ion:240 Resp: 377388
Ion Ratio Lower Upper
240 100
120 6.0 10.8 16.2#
236 25.4 21.6 32.4



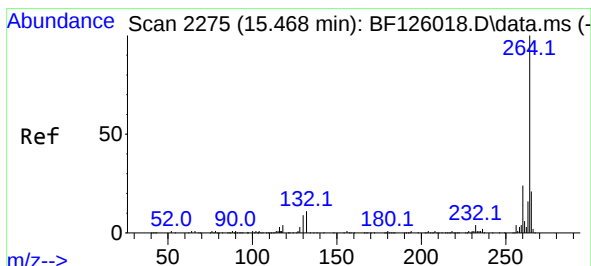
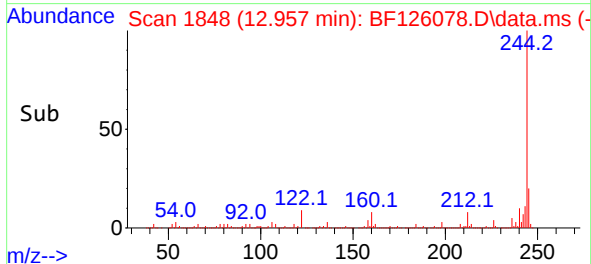
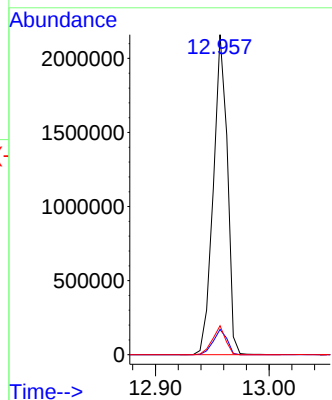


#79
 Terphenyl-d14
 Concen: 78.938 ng
 RT: 12.957 min Scan# 1849
 Delta R.T. -0.006 min
 Lab File: BF126078.D
 Acq: 9 Nov 2021 12:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-4



Tgt Ion:244 Resp: 1847396
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 9.1 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: BF126078.D
 Acq: 9 Nov 2021 12:41

Tgt Ion:264 Resp: 359055
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 21.2 17.2 25.8

