

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127085.D
 Acq On : 25 Feb 2022 21:57
 Operator : CG\JU
 Sample : N1655-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UNK-SOUTH

Quant Time: Feb 26 01:41:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	96675	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	392219	20.000	ng	#-0.01
39) Acenaphthene-d10	9.939	164	197925	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	338377	20.000	ng	#-0.01
76) Chrysene-d12	14.074	240	181908	20.000	ng	#-0.01
86) Perylene-d12	15.574	264	195100	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	521794	83.421	ng	0.00
7) Phenol-d6	6.528	99	683662	81.001	ng	-0.01
23) Nitrobenzene-d5	7.463	82	467059	53.750	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	185558	81.427	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	762579	56.720	ng	-0.01
79) Terphenyl-d14	13.022	244	729814	58.978	ng	0.00

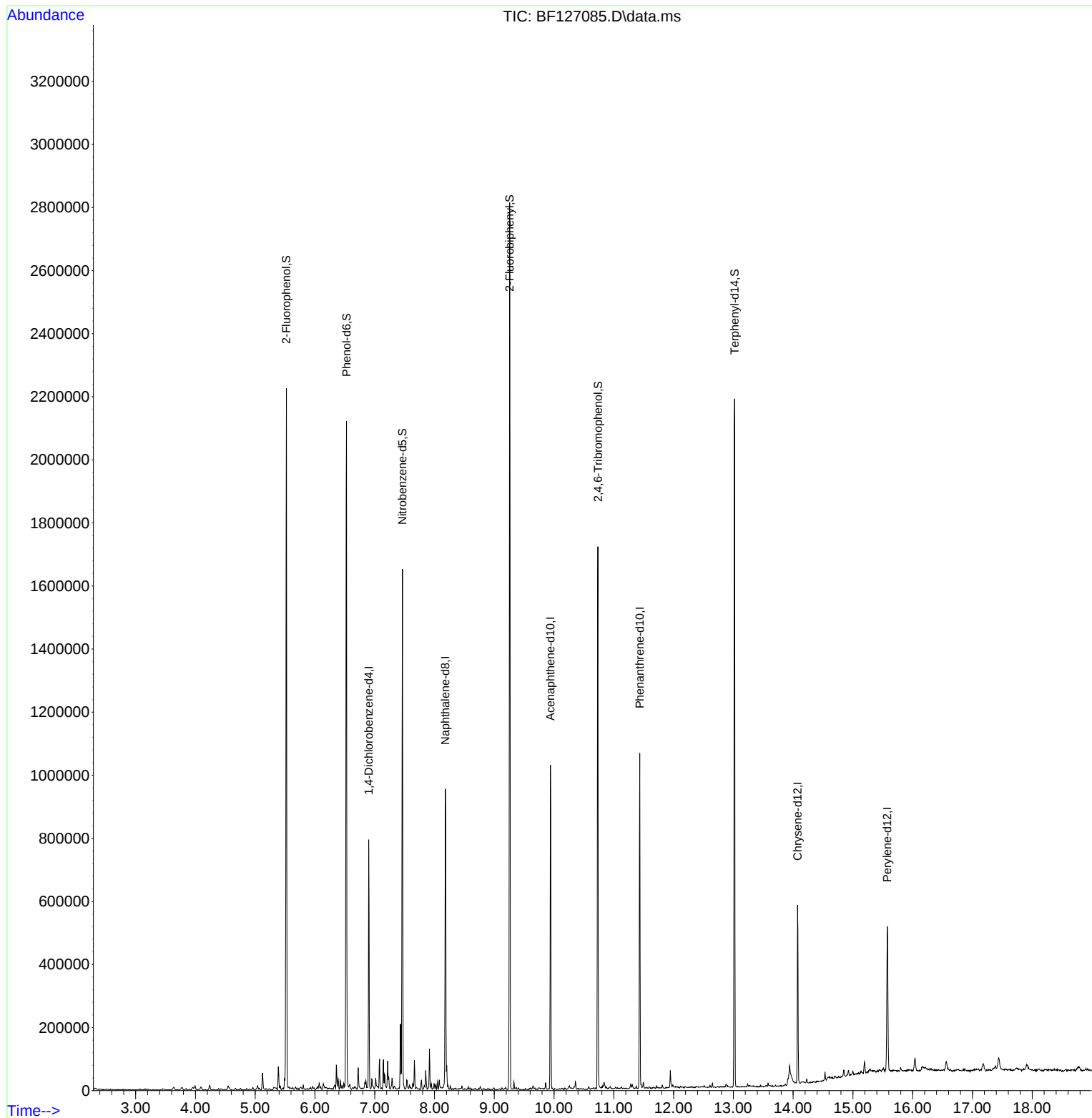
Target Compounds	Qvalue

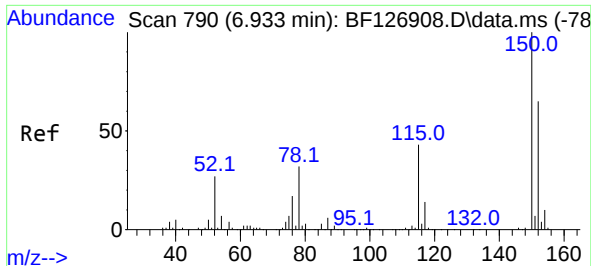
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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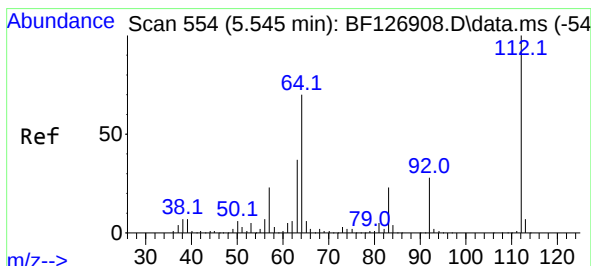
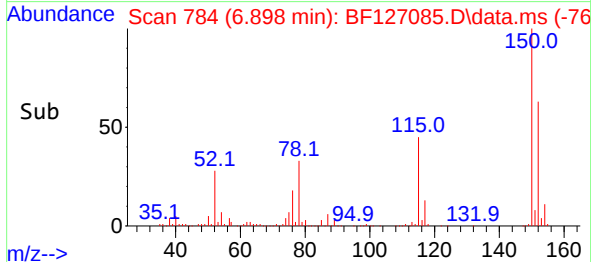
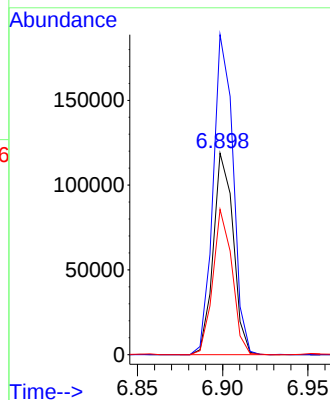
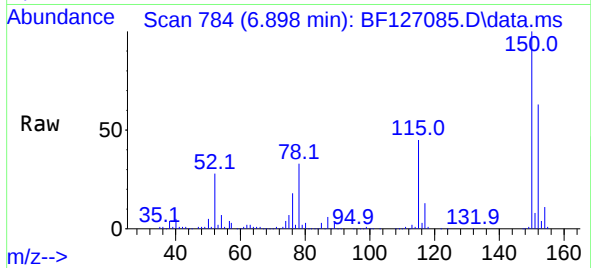




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127085.D
Acq: 25 Feb 2022 21:57

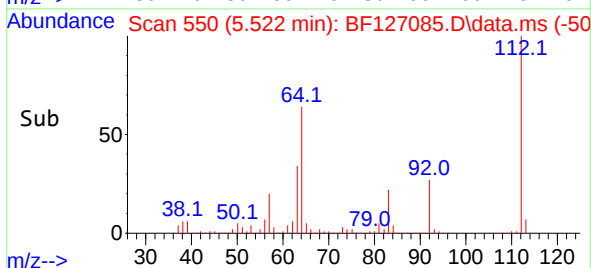
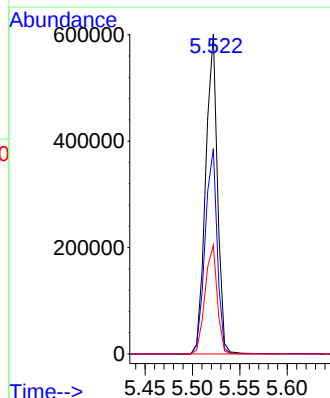
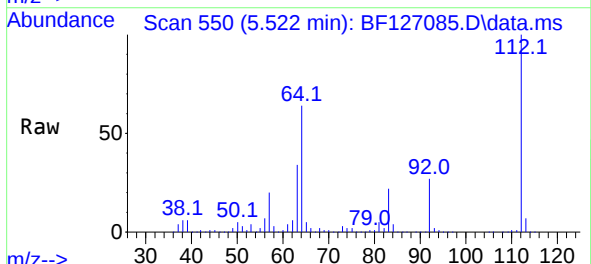
Instrument :
BNA_F
ClientSampleId :
UNK-SOUTH

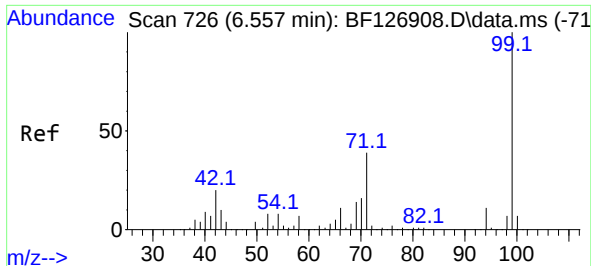
Tgt Ion:152 Resp: 96675
Ion Ratio Lower Upper
152 100
150 158.9 128.1 192.1
115 72.1 56.7 85.1



#5
2-Fluorophenol
Concen: 83.421 ng
RT: 5.522 min Scan# 550
Delta R.T. -0.006 min
Lab File: BF127085.D
Acq: 25 Feb 2022 21:57

Tgt Ion:112 Resp: 521794
Ion Ratio Lower Upper
112 100
64 64.2 49.5 74.3
63 33.9 23.9 35.9

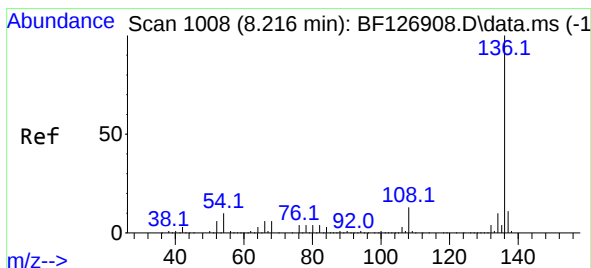
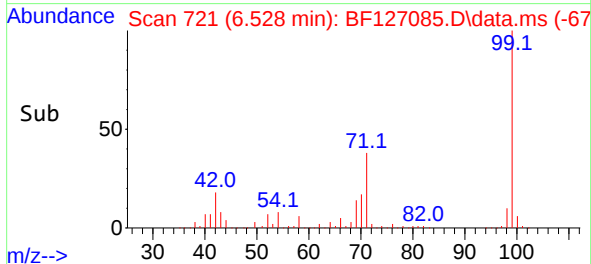
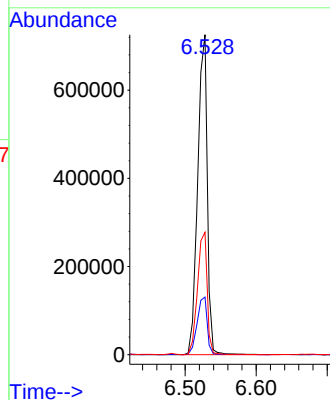
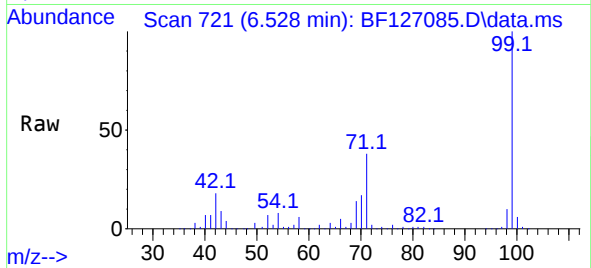




#7
Phenol-d6
Concen: 81.001 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127085.D
Acq: 25 Feb 2022 21:57

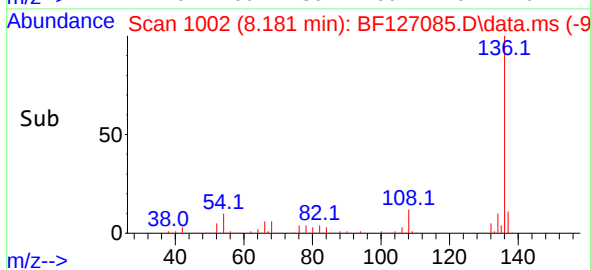
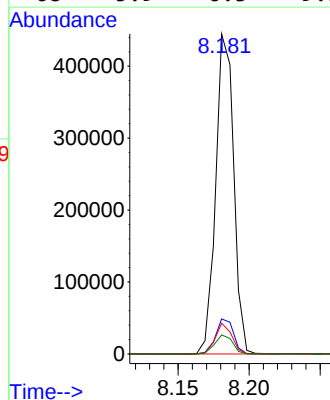
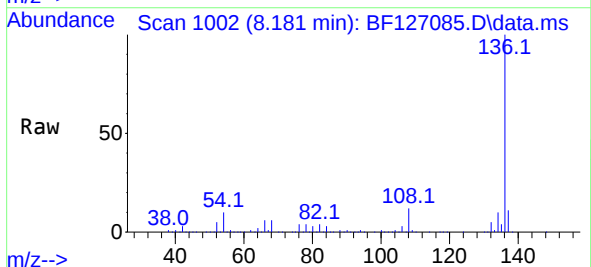
Instrument :
BNA_F
ClientSampleId :
UNK-SOUTH

Tgt Ion: 99 Resp: 683662
Ion Ratio Lower Upper
99 100
42 18.0 14.2 21.4
71 38.3 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF127085.D
Acq: 25 Feb 2022 21:57

Tgt Ion: 136 Resp: 392219
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.6 7.8 11.6
68 5.9 6.3 9.5#

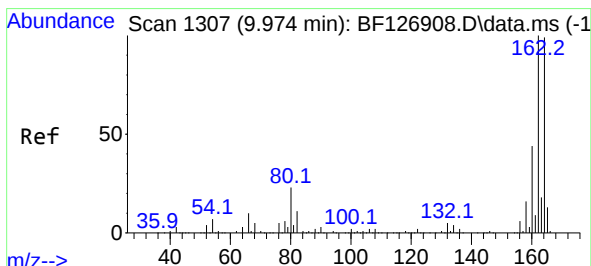
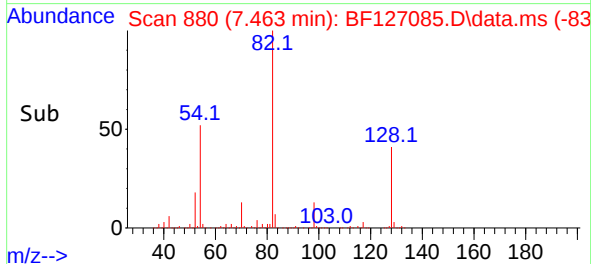
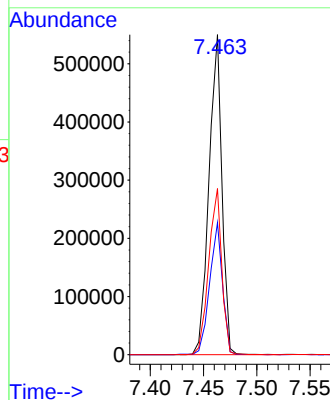
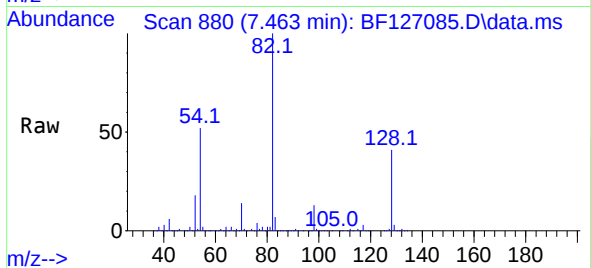




#23
Nitrobenzene-d5
Concen: 53.750 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127085.D
Acq: 25 Feb 2022 21:57

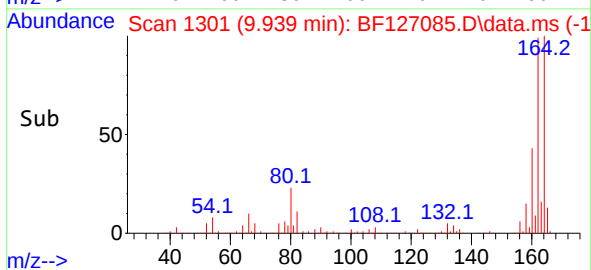
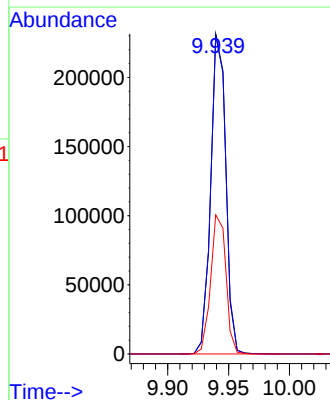
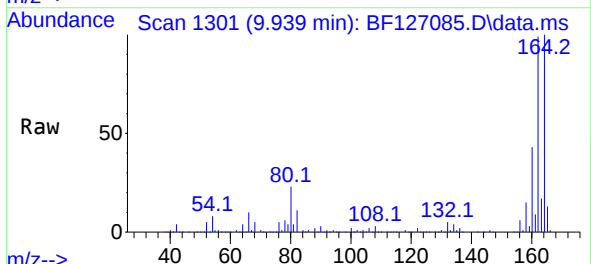
Instrument :
BNA_F
ClientSampleId :
UNK-SOUTH

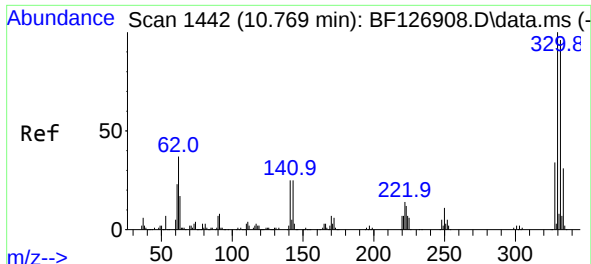
Tgt Ion: 82 Resp: 467059
Ion Ratio Lower Upper
82 100
128 41.2 32.7 49.1
54 51.9 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF127085.D
Acq: 25 Feb 2022 21:57

Tgt Ion: 164 Resp: 197925
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 43.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 81.427 ng

RT: 10.733 min Scan# 1442

Delta R.T. -0.012 min

Lab File: BF127085.D

Acq: 25 Feb 2022 21:57

Instrument :

BNA_F

ClientSampleId :

UNK-SOUTH

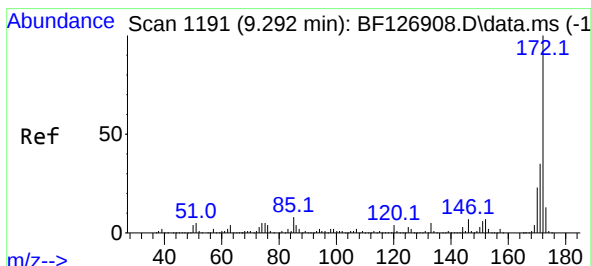
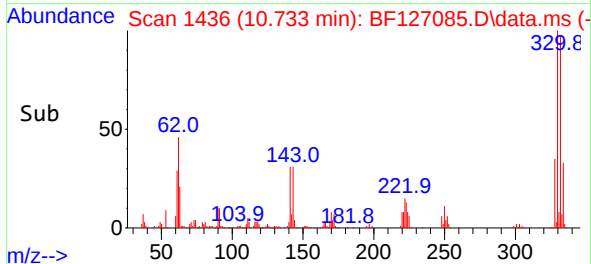
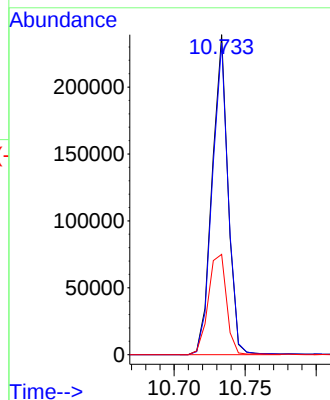
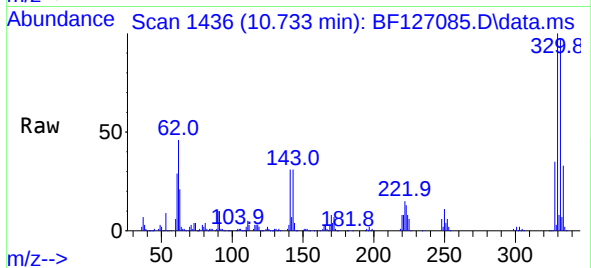
Tgt Ion:330 Resp: 185558

Ion Ratio Lower Upper

330 100

332 98.0 76.0 114.0

141 36.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 56.720 ng

RT: 9.257 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF127085.D

Acq: 25 Feb 2022 21:57

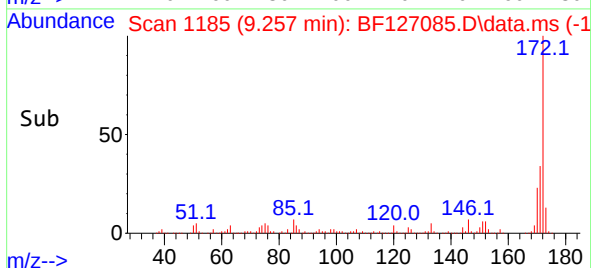
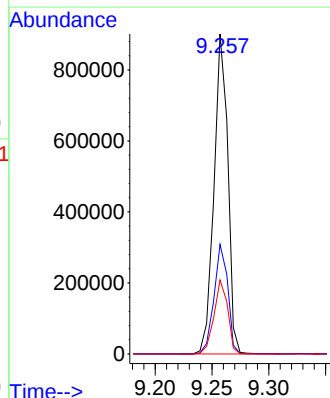
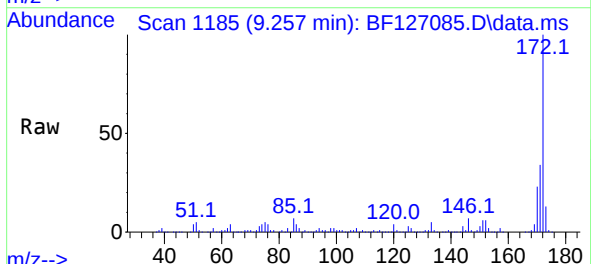
Tgt Ion:172 Resp: 762579

Ion Ratio Lower Upper

172 100

171 34.2 28.3 42.5

170 23.1 19.0 28.6

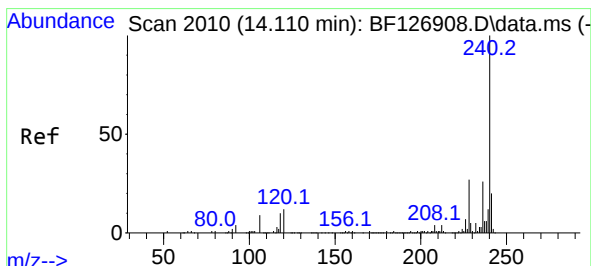
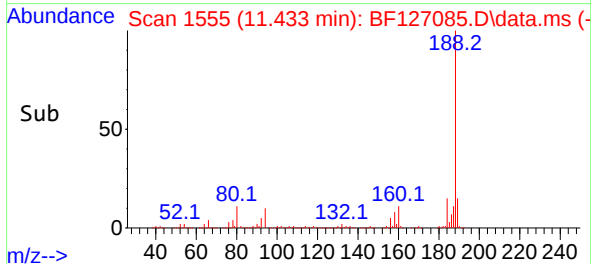
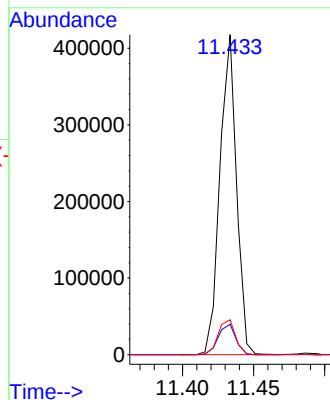
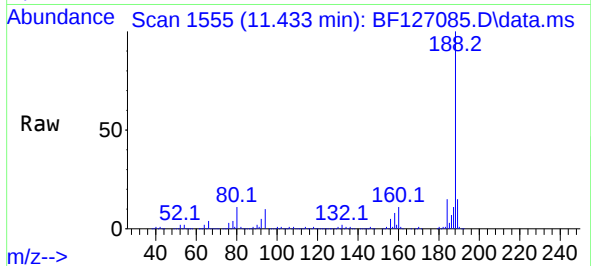




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127085.D
Acq: 25 Feb 2022 21:57

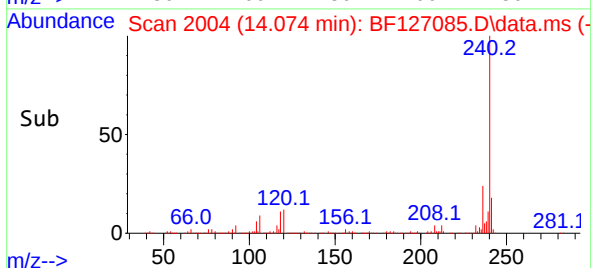
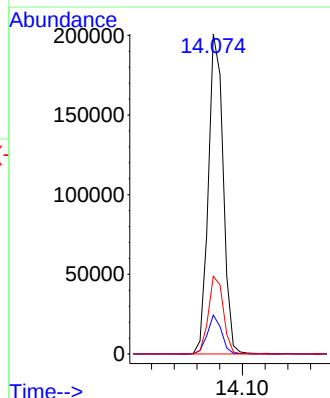
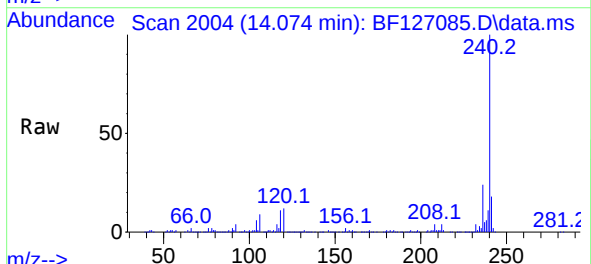
Instrument :
BNA_F
ClientSampleId :
UNK-SOUTH

Tgt Ion:188 Resp: 338377
Ion Ratio Lower Upper
188 100
94 9.5 10.1 15.1#
80 10.9 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.012 min
Lab File: BF127085.D
Acq: 25 Feb 2022 21:57

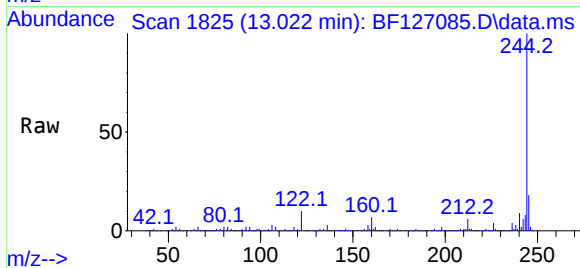
Tgt Ion:240 Resp: 181908
Ion Ratio Lower Upper
240 100
120 12.2 14.4 21.6#
236 24.3 20.5 30.7



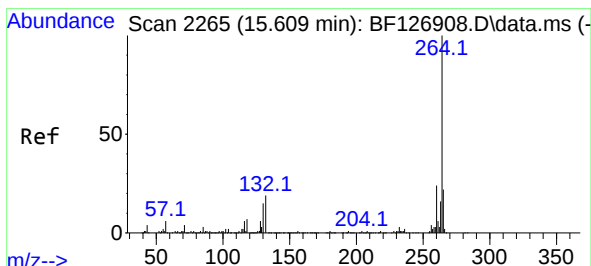
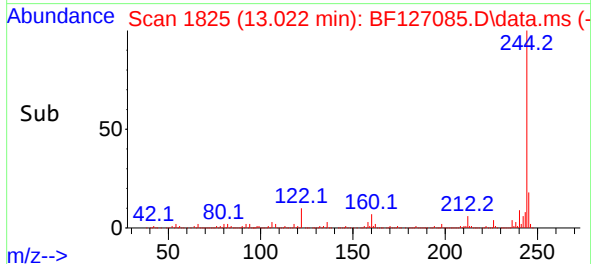
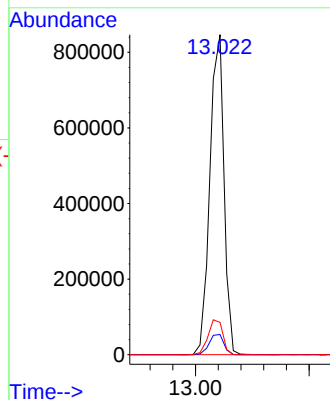


#79
 Terphenyl-d14
 Concen: 58.978 ng
 RT: 13.022 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127085.D
 Acq: 25 Feb 2022 21:57

Instrument :
 BNA_F
 ClientSampleId :
 UNK-SOUTH



Tgt Ion:244 Resp: 729814
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 10.1 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2259
 Delta R.T. -0.012 min
 Lab File: BF127085.D
 Acq: 25 Feb 2022 21:57

Tgt Ion:264 Resp: 195100
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.9 17.4 26.2

