

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126481.D
 Acq On : 4 Jan 2022 22:10
 Operator : JU/CG
 Sample : M5338-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-(8.5-9)

Quant Time: Jan 05 02:02:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	114902	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	477509	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	219950	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	339613	20.000	ng	0.00
76) Chrysene-d12	13.939	240	211228	20.000	ng	-0.01
86) Perylene-d12	15.380	264	195920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	600942	75.107	ng	0.00
7) Phenol-d6	6.416	99	780805	75.344	ng	0.00
23) Nitrobenzene-d5	7.345	82	518980	55.805	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	134178	78.944	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	721433	57.719	ng	0.00
79) Terphenyl-d14	12.892	244	569499	52.384	ng	0.00

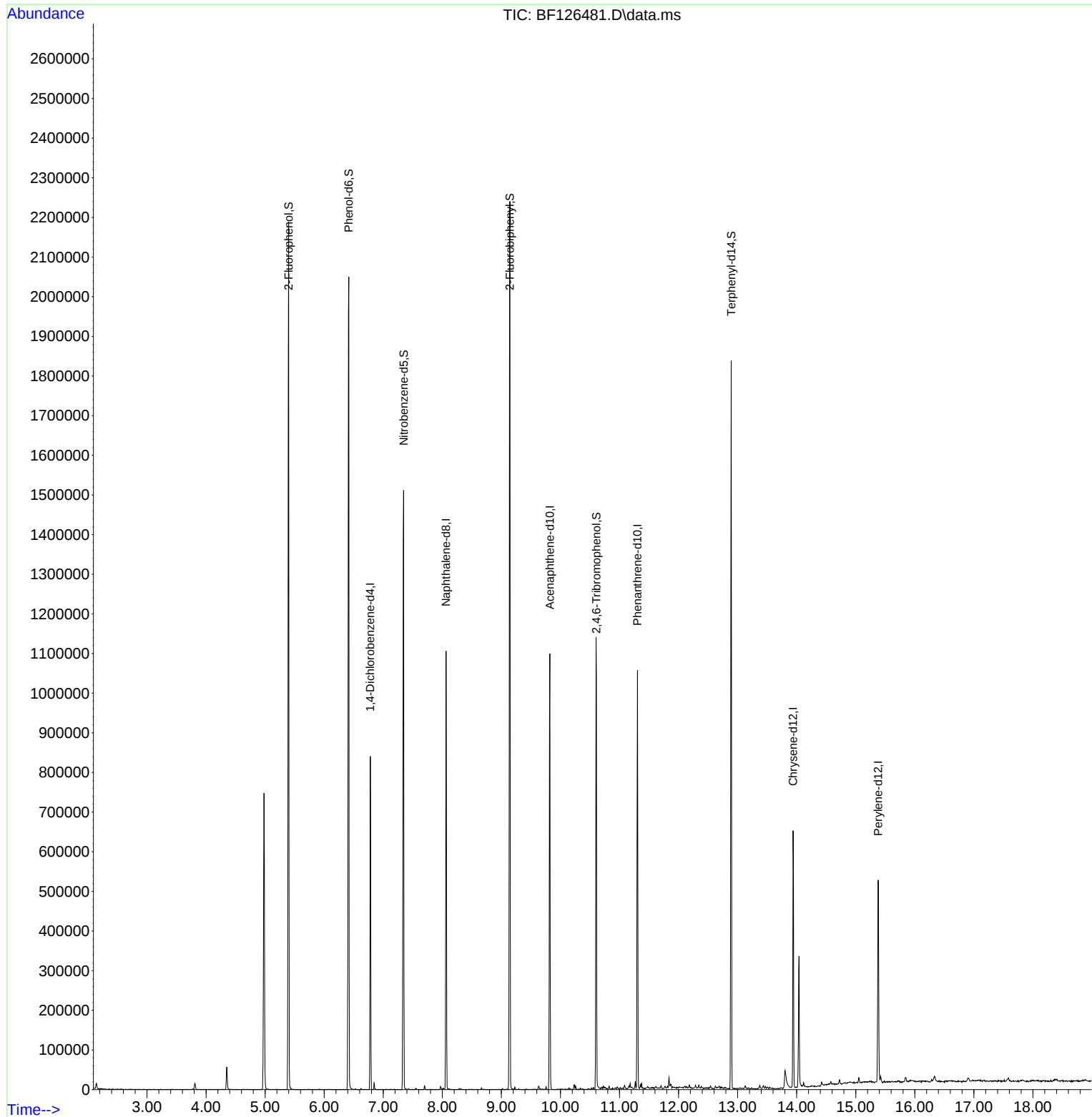
Target Compounds	Qvalue

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

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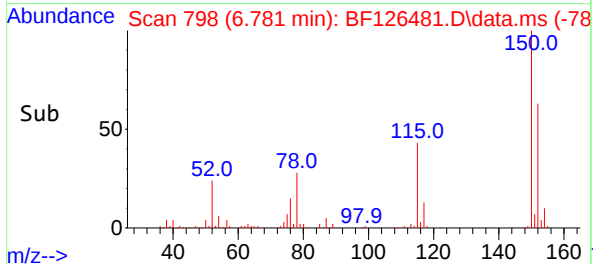
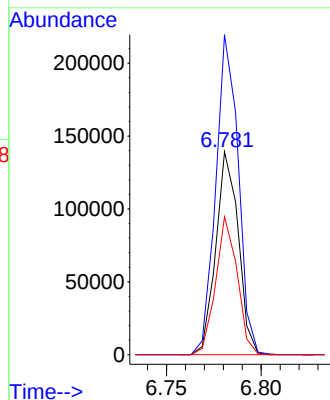
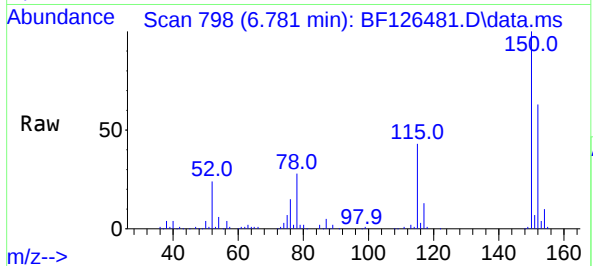




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126481.D
Acq: 4 Jan 2022 22:10

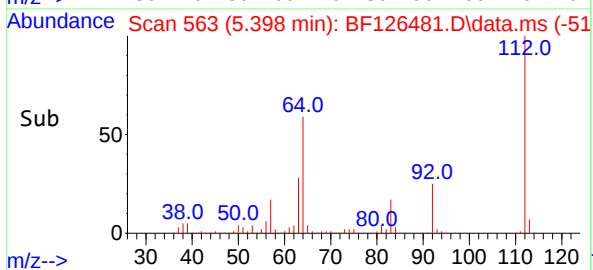
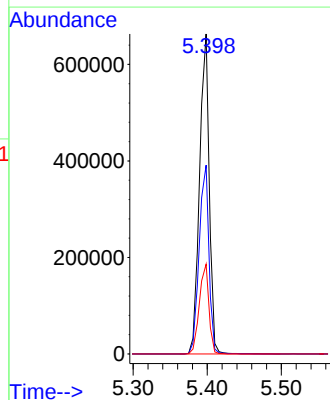
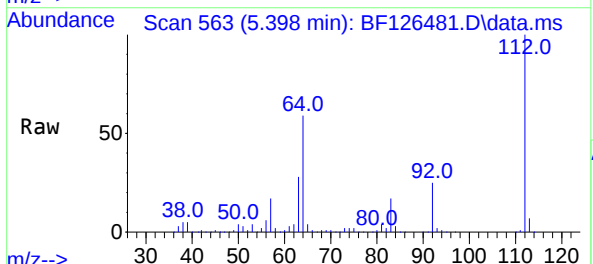
Instrument :
BNA_F
ClientSampleId :
SB-4-(8.5-9)

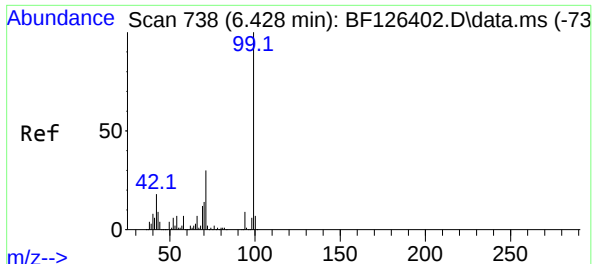
Tgt Ion:152 Resp: 114902
Ion Ratio Lower Upper
152 100
150 157.7 128.1 192.1
115 68.0 56.7 85.1



#5
2-Fluorophenol
Concen: 75.107 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF126481.D
Acq: 4 Jan 2022 22:10

Tgt Ion:112 Resp: 600942
Ion Ratio Lower Upper
112 100
64 59.0 49.5 74.3
63 28.1 23.9 35.9

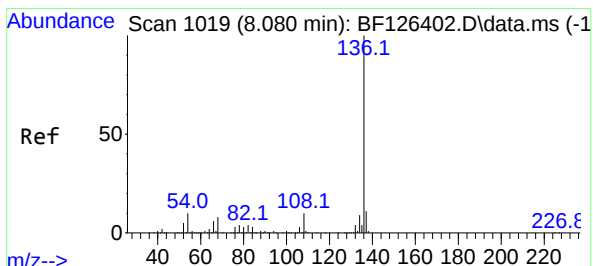
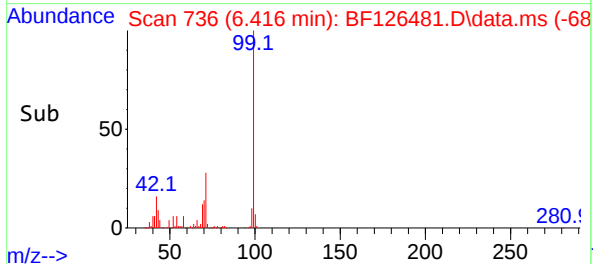
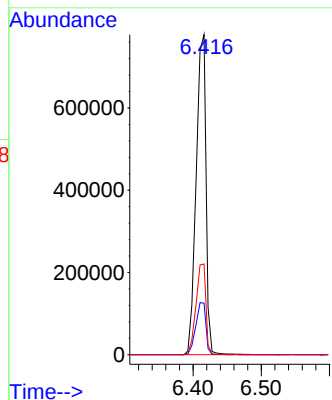
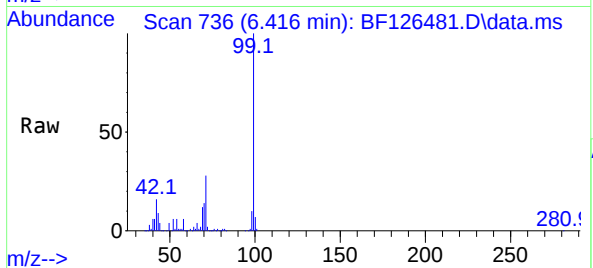




#7
Phenol-d6
Concen: 75.344 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126481.D
Acq: 4 Jan 2022 22:10

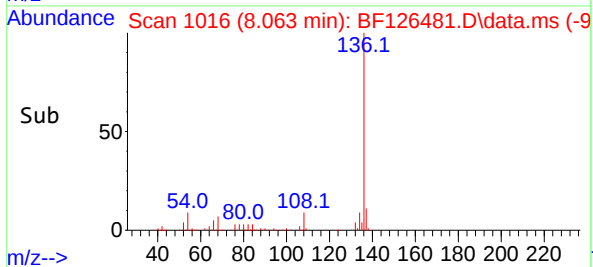
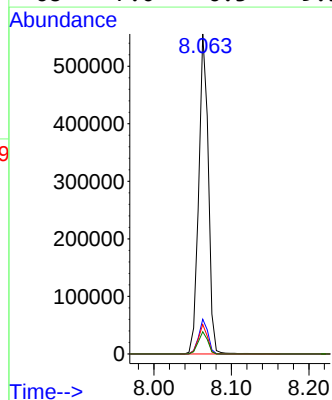
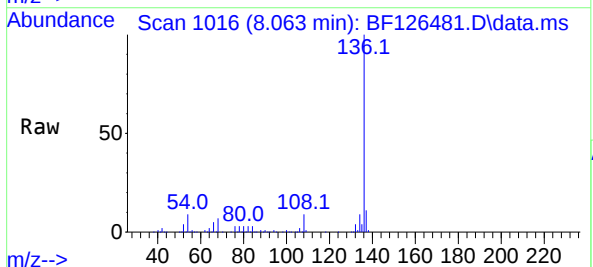
Instrument :
BNA_F
ClientSampleId :
SB-4-(8.5-9)

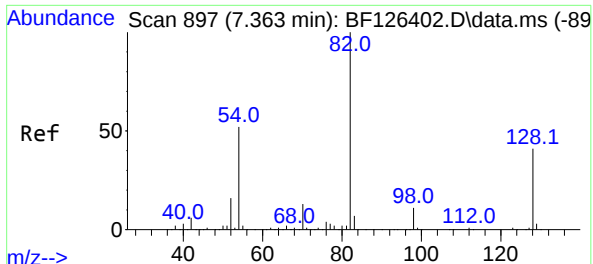
Tgt Ion: 99 Resp: 780805
Ion Ratio Lower Upper
99 100
42 16.1 14.2 21.4
71 28.3 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126481.D
Acq: 4 Jan 2022 22:10

Tgt Ion: 136 Resp: 477509
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.2 7.8 11.6
68 7.0 6.3 9.5





#23

Nitrobenzene-d5

Concen: 55.805 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126481.D

Acq: 4 Jan 2022 22:10

Instrument :

BNA_F

ClientSampleId :

SB-4-(8.5-9)

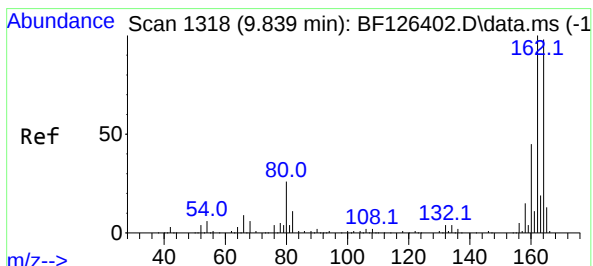
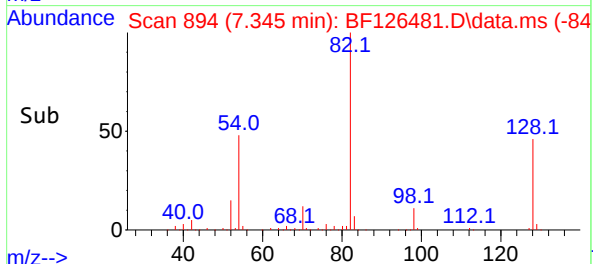
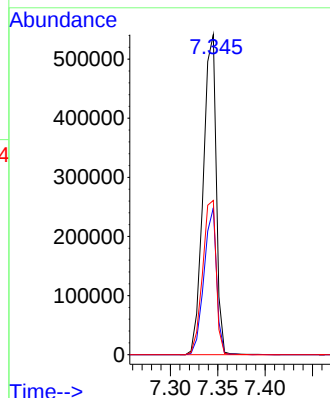
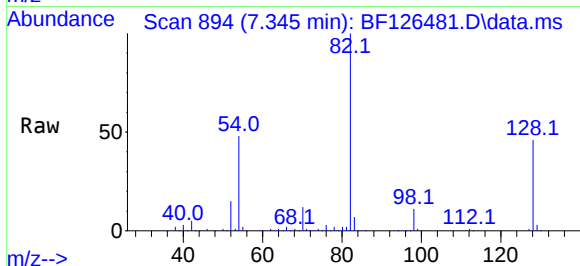
Tgt Ion: 82 Resp: 518980

Ion Ratio Lower Upper

82 100

128 45.8 32.7 49.1

54 48.2 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF126481.D

Acq: 4 Jan 2022 22:10

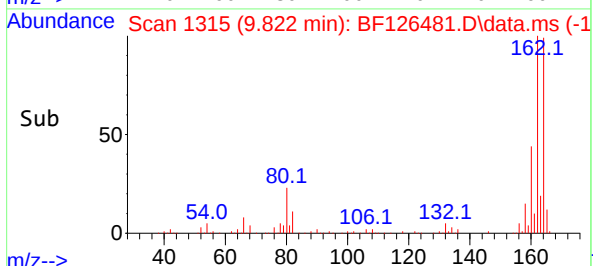
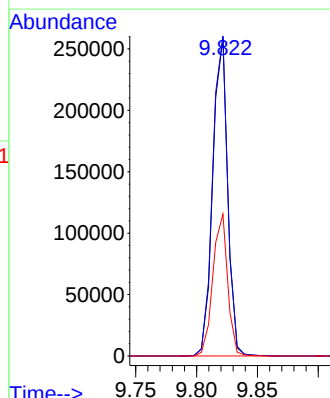
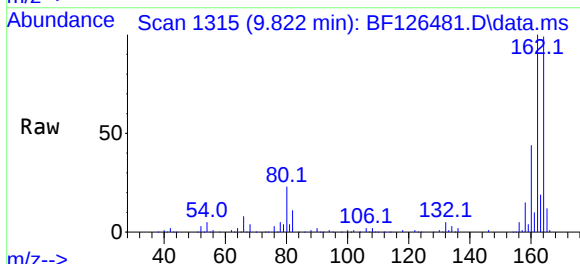
Tgt Ion:164 Resp: 219950

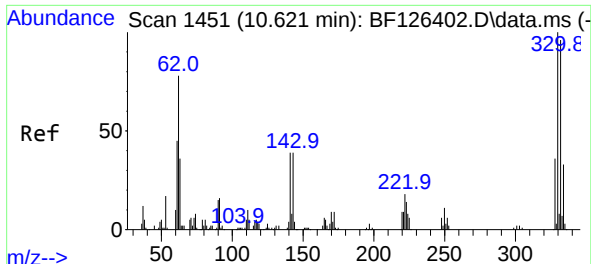
Ion Ratio Lower Upper

164 100

162 100.6 81.4 122.0

160 44.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 78.944 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF126481.D

Acq: 4 Jan 2022 22:10

Instrument :

BNA_F

ClientSampleId :

SB-4-(8.5-9)

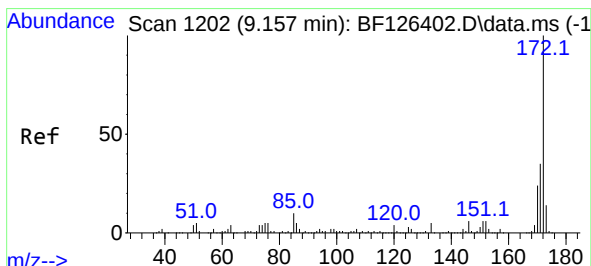
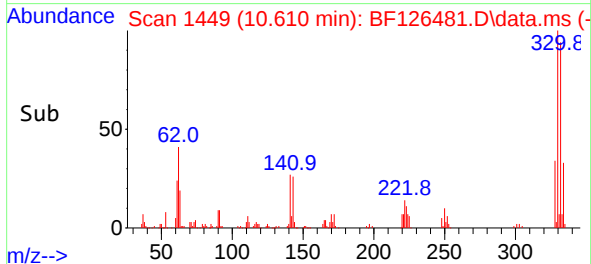
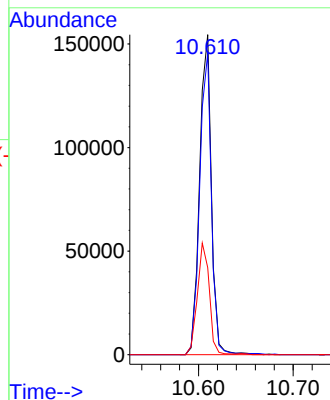
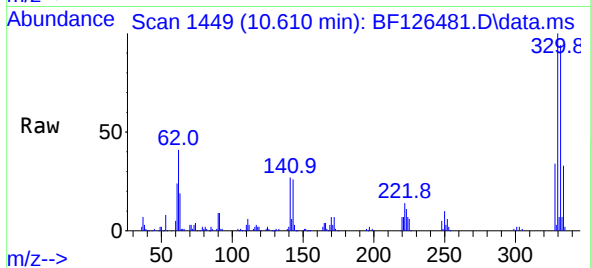
Tgt Ion:330 Resp: 134178

Ion Ratio Lower Upper

330 100

332 94.2 76.0 114.0

141 35.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 57.719 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF126481.D

Acq: 4 Jan 2022 22:10

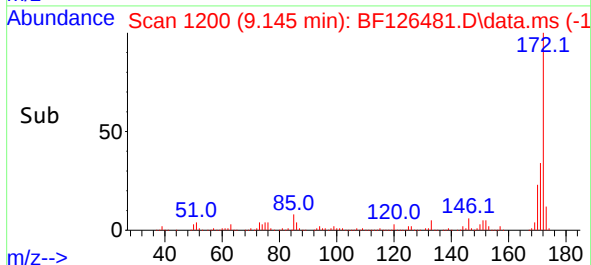
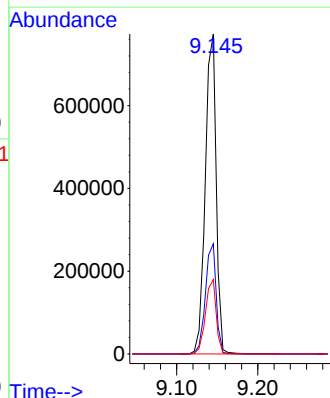
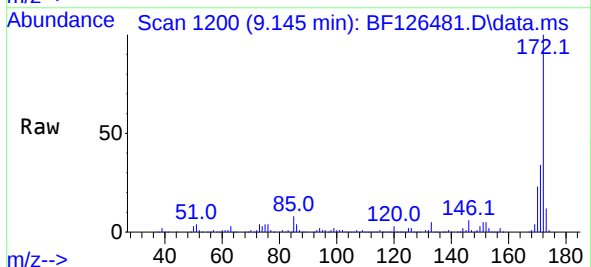
Tgt Ion:172 Resp: 721433

Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

170 23.3 19.0 28.6

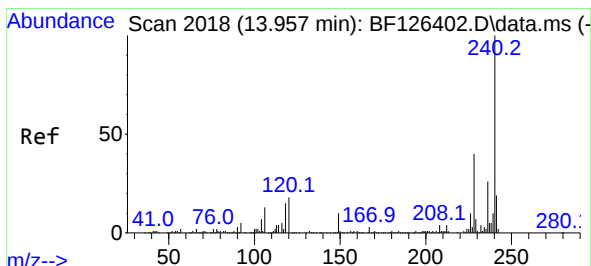
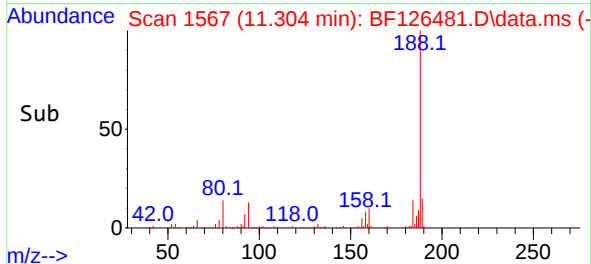
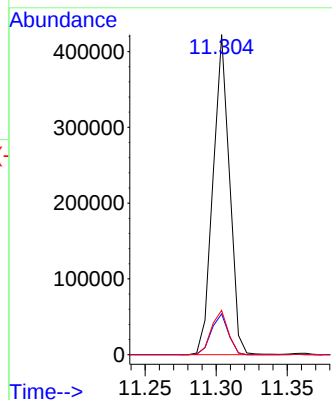
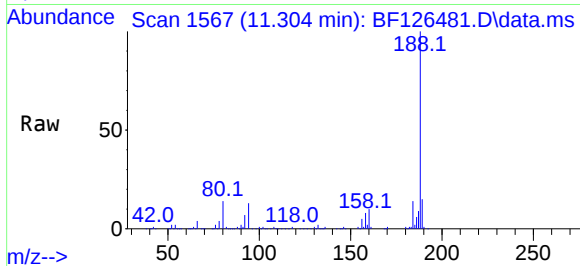




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126481.D
Acq: 4 Jan 2022 22:10

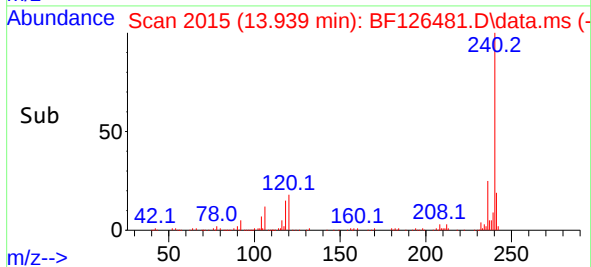
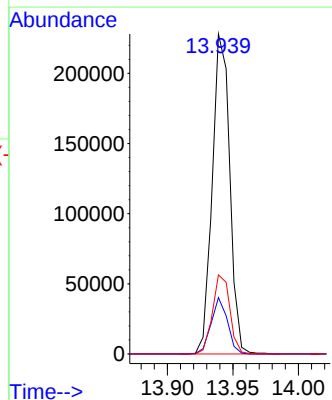
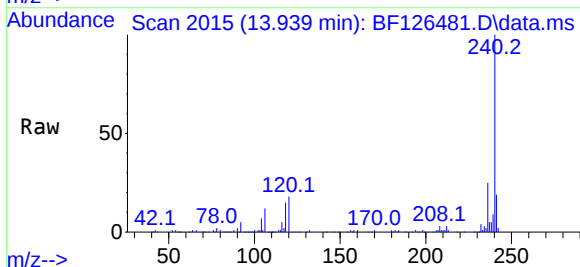
Instrument :
BNA_F
ClientSampleId :
SB-4-(8.5-9)

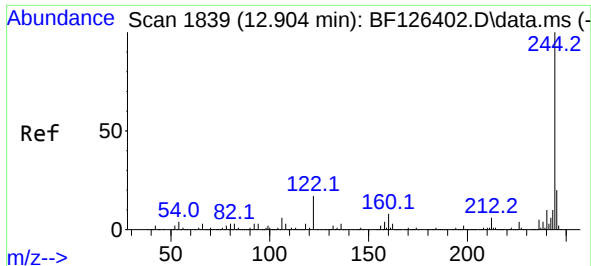
Tgt Ion:188 Resp: 339613
Ion Ratio Lower Upper
188 100
94 12.8 10.1 15.1
80 13.8 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF126481.D
Acq: 4 Jan 2022 22:10

Tgt Ion:240 Resp: 211228
Ion Ratio Lower Upper
240 100
120 17.6 14.4 21.6
236 24.7 20.5 30.7

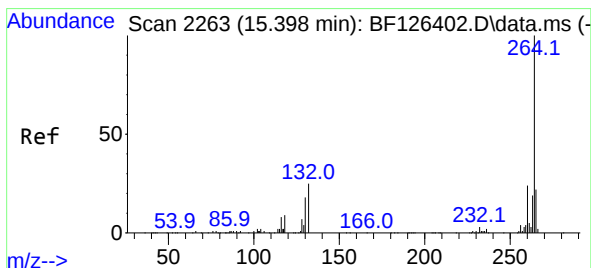
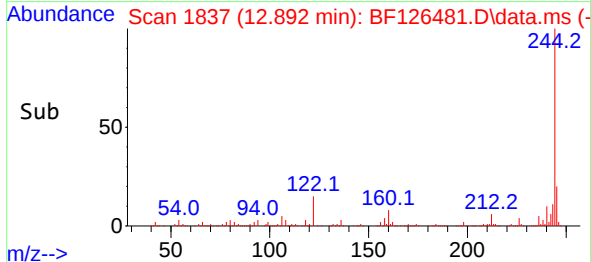
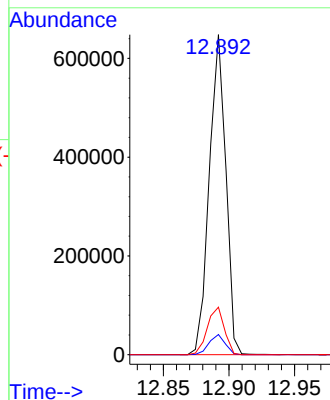
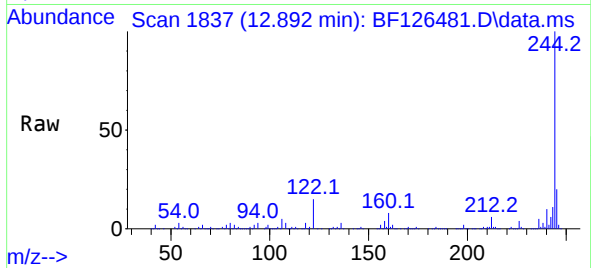




#79
Terphenyl-d14
Concen: 52.384 ng
RT: 12.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126481.D
Acq: 4 Jan 2022 22:10

Instrument :
BNA_F
ClientSampleId :
SB-4-(8.5-9)

Tgt Ion:244 Resp: 569499
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 14.8 13.3 19.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BF126481.D
Acq: 4 Jan 2022 22:10

Tgt Ion:264 Resp: 195920
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 20.9 17.4 26.2

