

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125943.D
 Acq On : 26 Oct 2021 20:06
 Operator : JU/CG
 Sample : M4358-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TH-FS

Quant Time: Oct 27 09:03:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 25 18:49:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	157262	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	621312	20.000	ng	#-0.01
39) Acenaphthene-d10	9.898	164	343288	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	576062	20.000	ng	0.00
76) Chrysene-d12	14.021	240	314025	20.000	ng	#-0.01
86) Perylene-d12	15.492	264	341165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	956545	90.600	ng	0.00
7) Phenol-d6	6.486	99	1190157	82.188	ng	0.00
23) Nitrobenzene-d5	7.422	82	787343	65.457	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	267128	89.263	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1203309	61.988	ng	0.00
79) Terphenyl-d14	12.974	244	1022185	53.245	ng	0.00

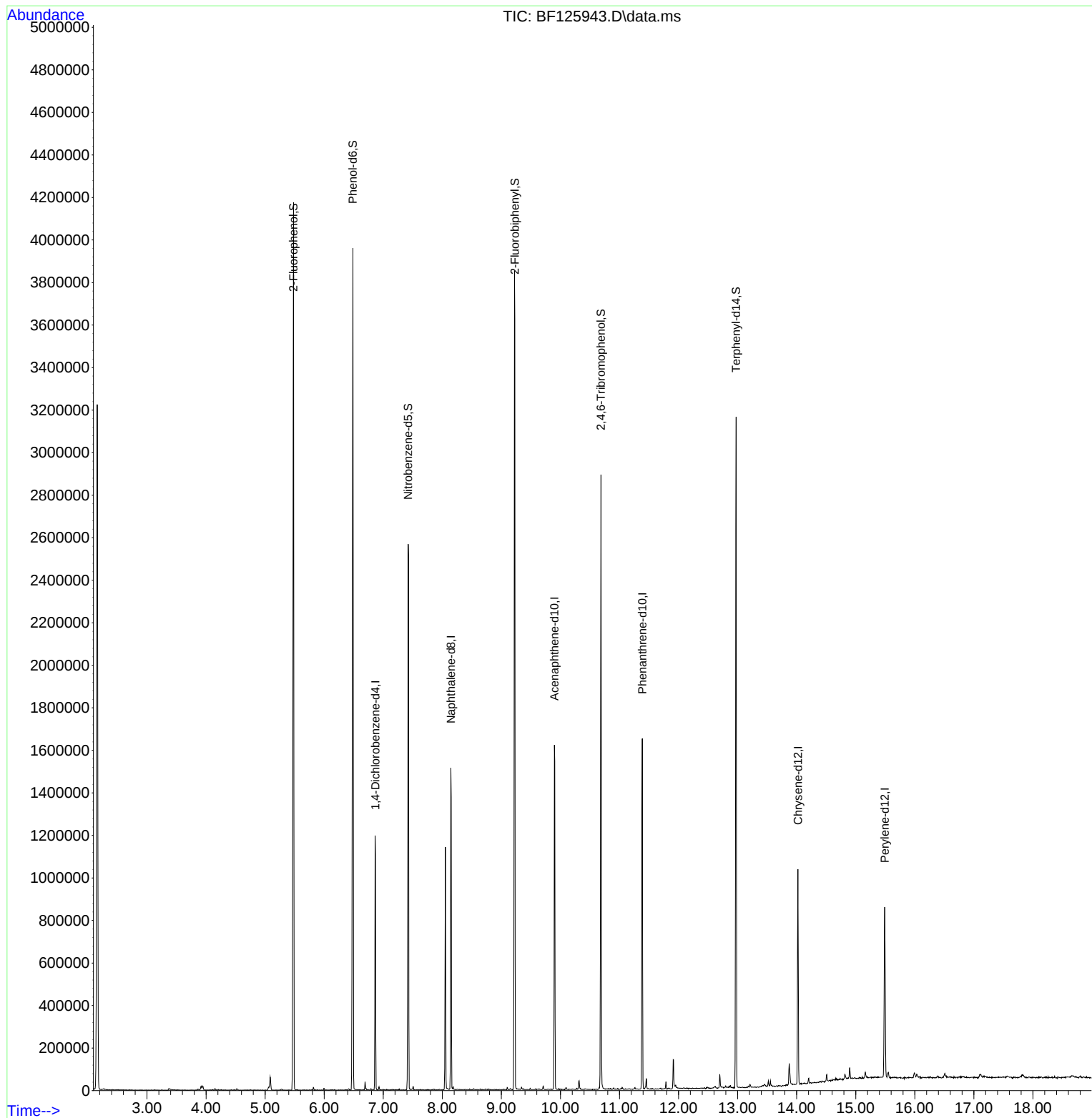
Target Compounds	Qvalue

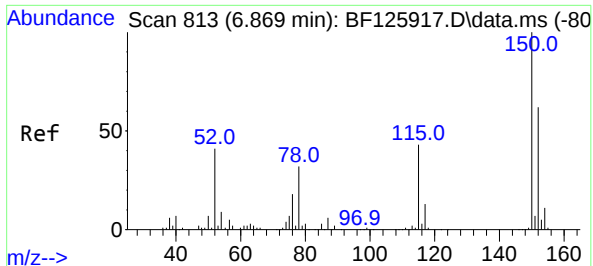
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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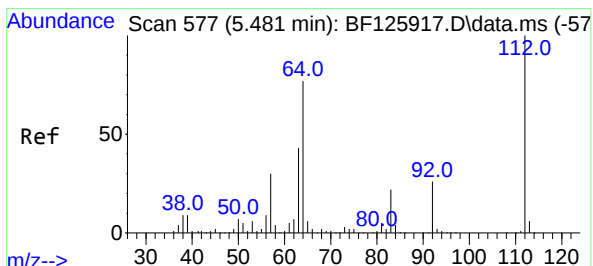
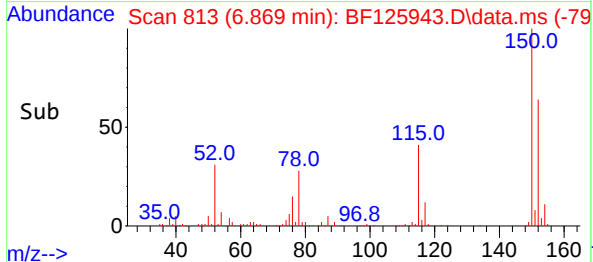
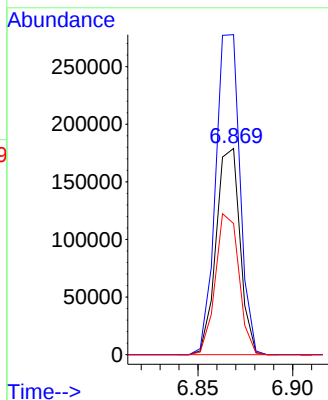
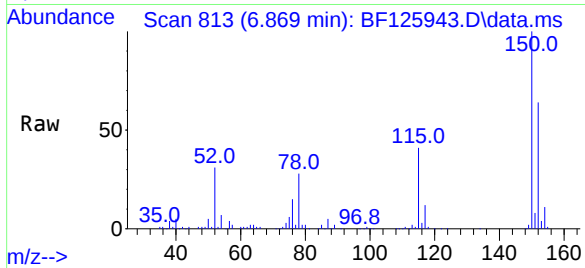




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

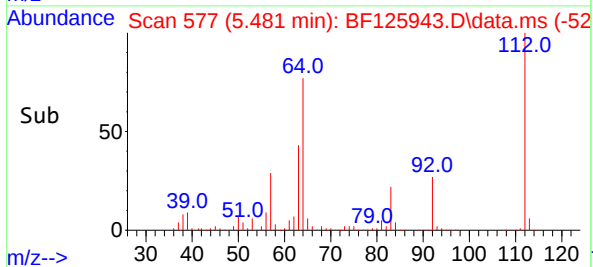
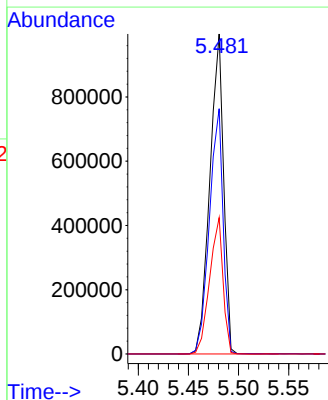
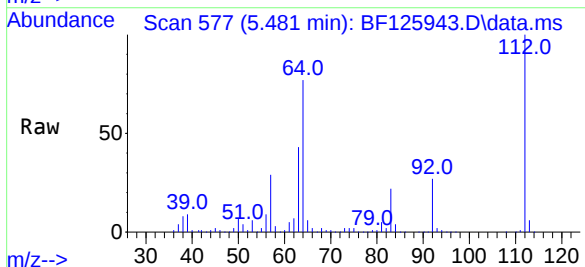
Instrument :
BNA_F
ClientSampleId :
TH-FS

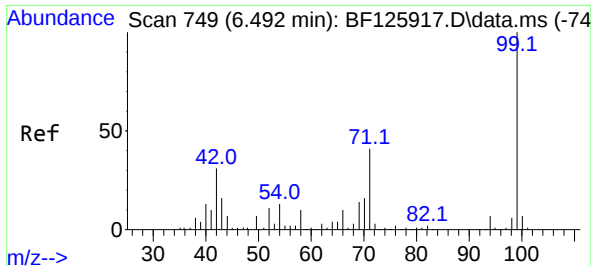
Tgt Ion:152 Resp: 157262
Ion Ratio Lower Upper
152 100
150 155.1 117.6 176.4
115 63.6 47.1 70.7



#5
2-Fluorophenol
Concen: 90.600 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

Tgt Ion:112 Resp: 956545
Ion Ratio Lower Upper
112 100
64 76.7 44.2 66.2#
63 42.6 26.2 39.2#

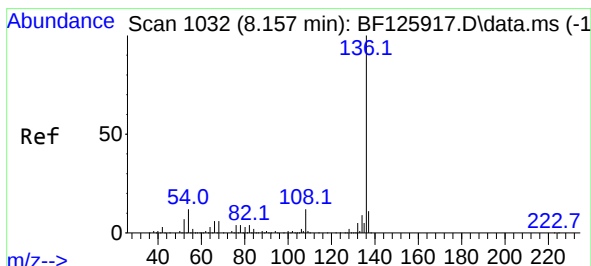
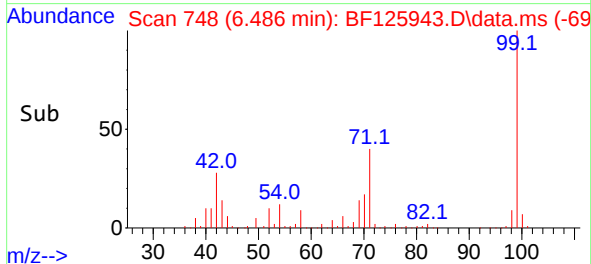
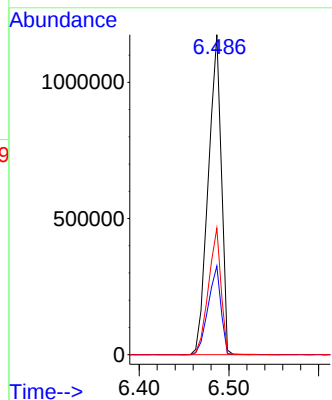
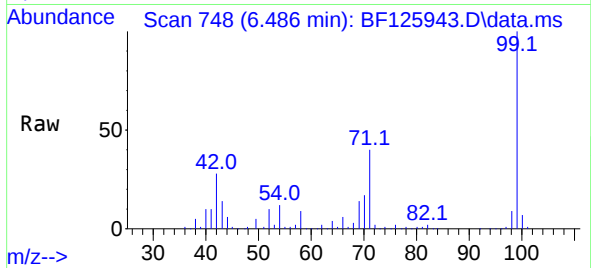




#7
Phenol-d6
Concen: 82.188 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

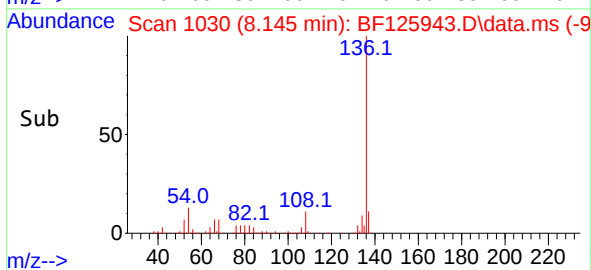
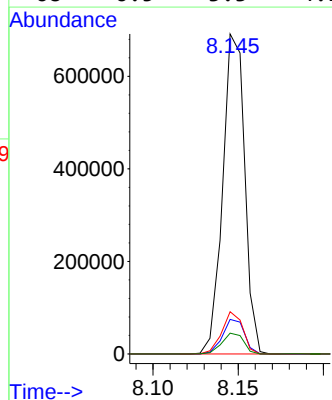
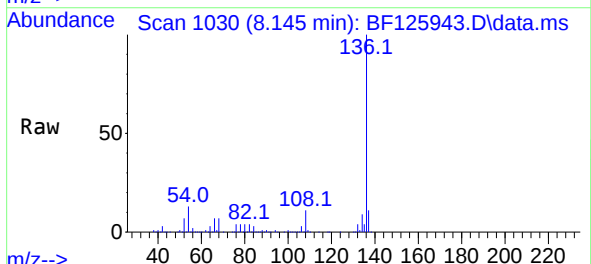
Instrument :
BNA_F
ClientSampleId :
TH-FS

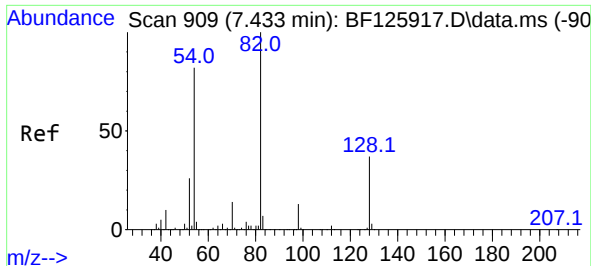
Tgt Ion: 99 Resp: 1190157
Ion Ratio Lower Upper
99 100
42 27.7 23.5 35.3
71 39.6 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

Tgt Ion: 136 Resp: 621312
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 13.2 6.4 9.6#
68 6.5 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 65.457 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF125943.D

Acq: 26 Oct 2021 20:06

Instrument :

BNA_F

ClientSampleId :

TH-FS

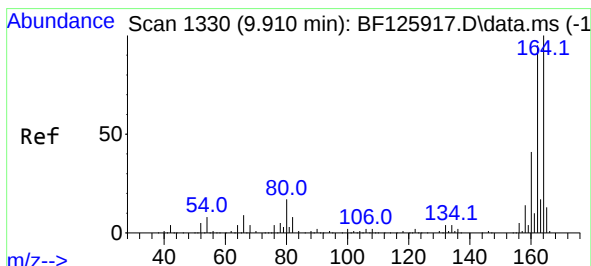
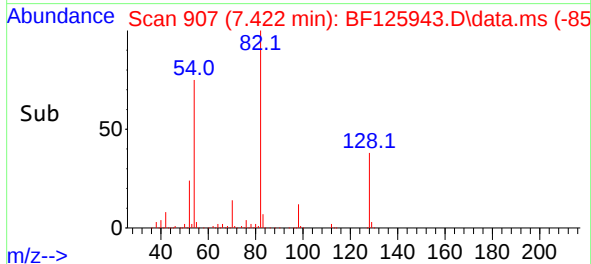
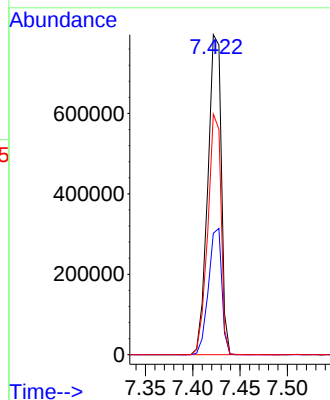
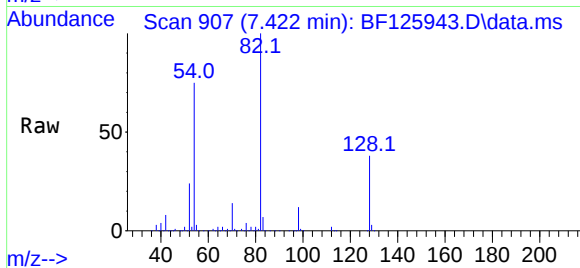
Tgt Ion: 82 Resp: 787343

Ion Ratio Lower Upper

82 100

128 38.0 40.6 60.8#

54 75.2 49.6 74.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF125943.D

Acq: 26 Oct 2021 20:06

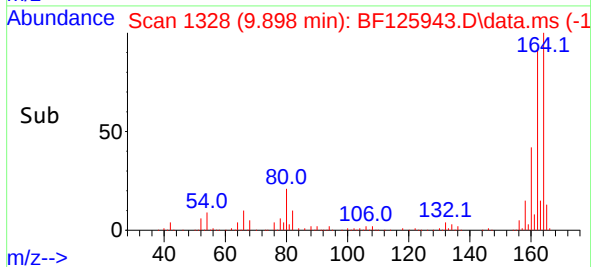
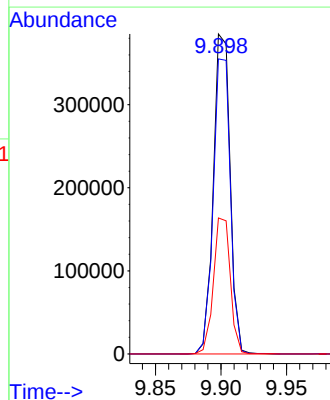
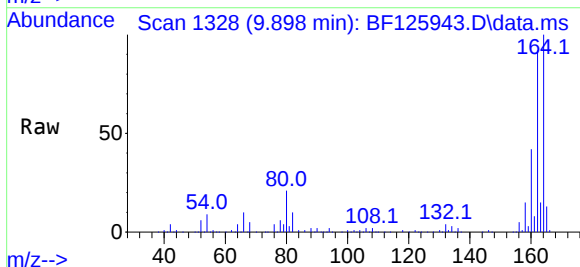
Tgt Ion:164 Resp: 343288

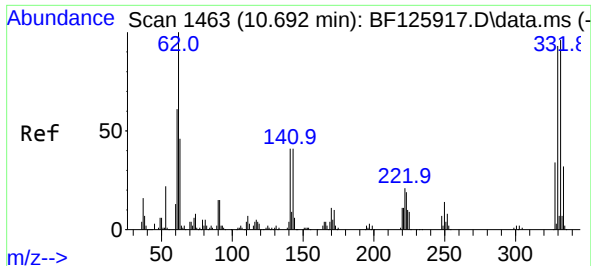
Ion Ratio Lower Upper

164 100

162 92.2 81.3 121.9

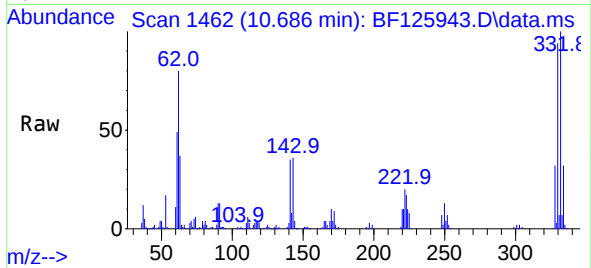
160 42.5 38.0 57.0



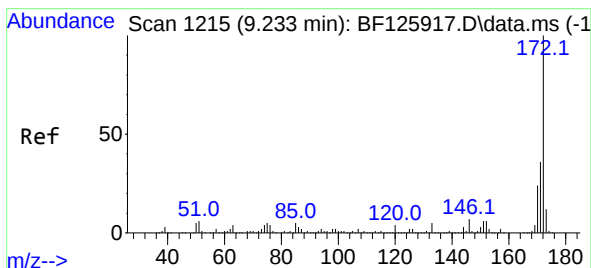
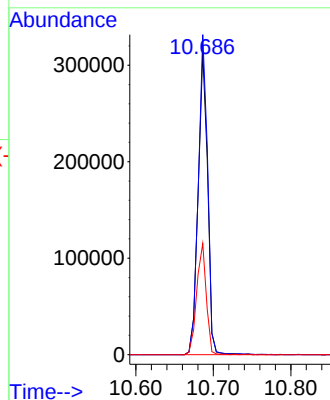
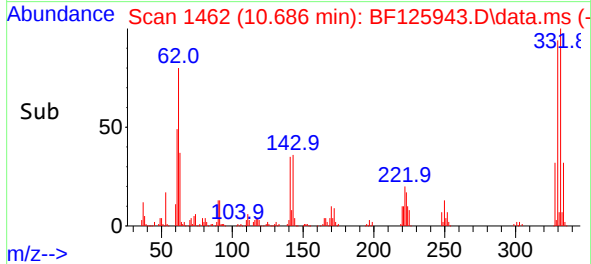


#42
2,4,6-Tribromophenol
Concen: 89.263 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

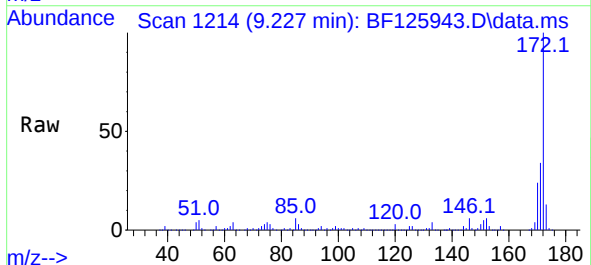
Instrument :
BNA_F
ClientSampleId :
TH-FS



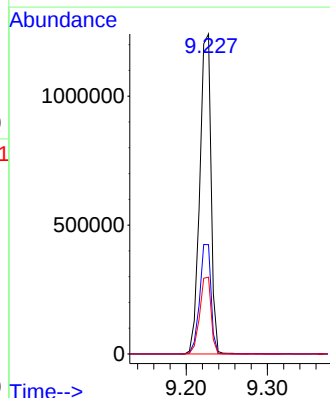
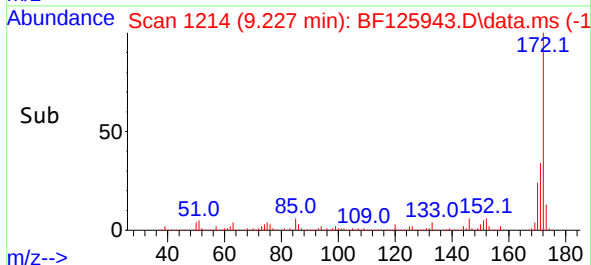
Tgt Ion: 330 Resp: 267128
Ion Ratio Lower Upper
330 100
332 103.5 76.2 114.4
141 37.0 44.6 66.8#

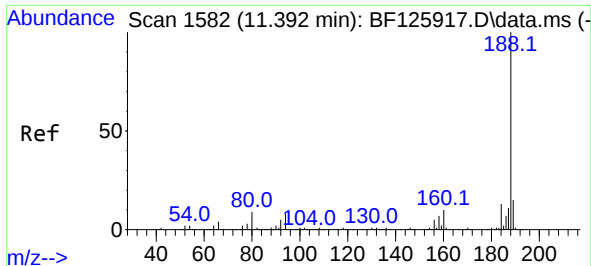


#45
2-Fluorobiphenyl
Concen: 61.988 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06



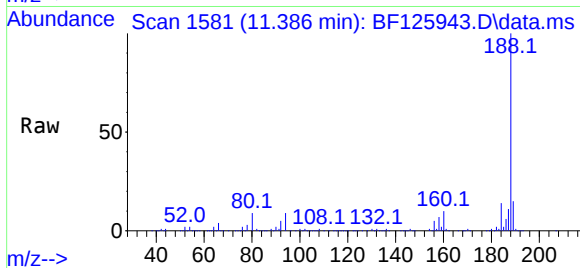
Tgt Ion: 172 Resp: 1203309
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 24.0 18.8 28.2



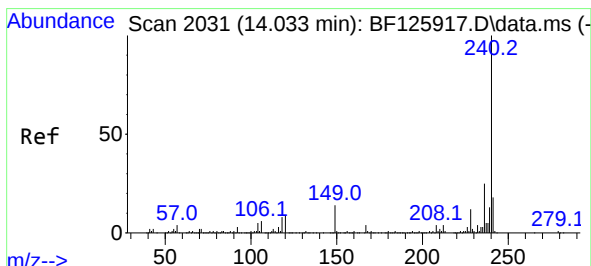
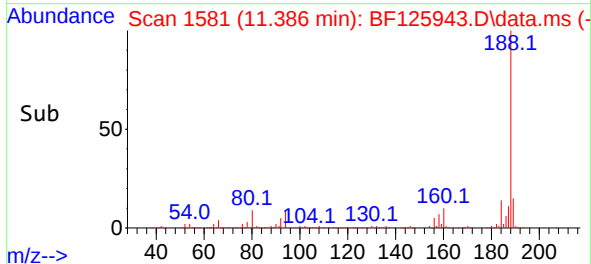
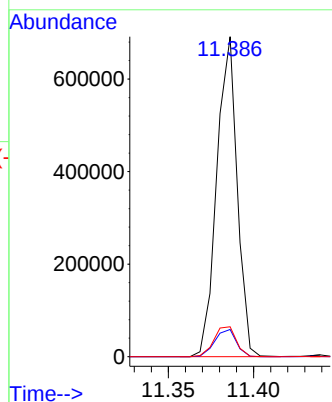


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

Instrument :
BNA_F
ClientSampleId :
TH-FS

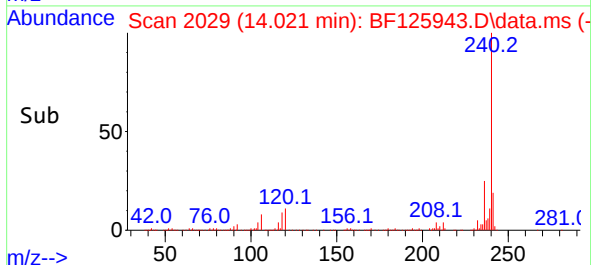
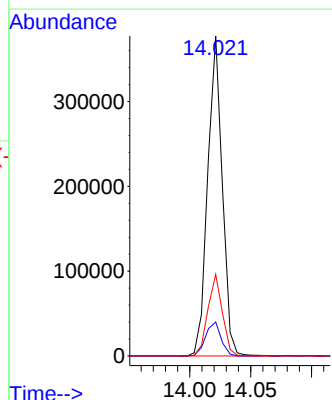
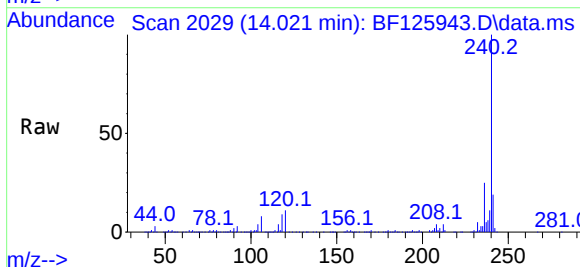


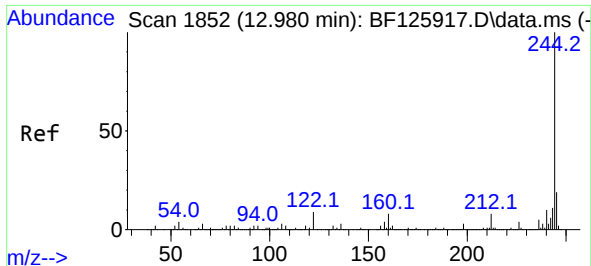
Tgt Ion:188 Resp: 576062
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 9.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

Tgt Ion:240 Resp: 314025
Ion Ratio Lower Upper
240 100
120 10.6 10.8 16.2#
236 25.5 21.6 32.4

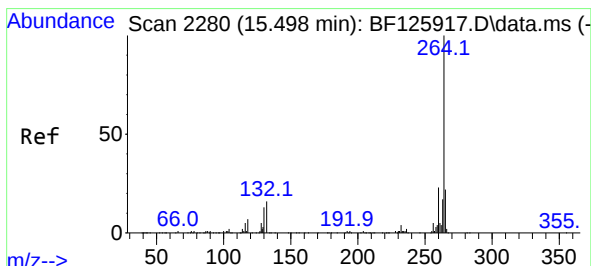
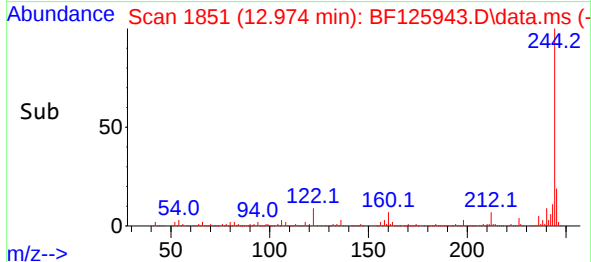
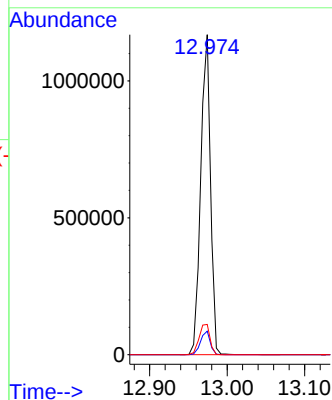
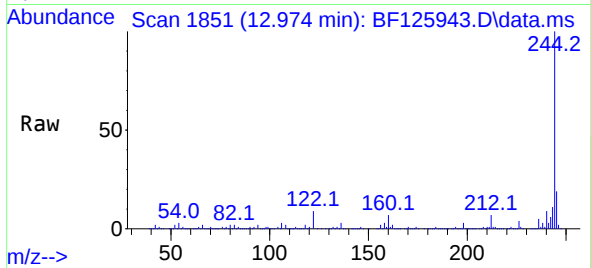




#79
Terphenyl-d14
Concen: 53.245 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

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Tgt Ion:244 Resp: 1022185
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 9.5 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF125943.D
Acq: 26 Oct 2021 20:06

Tgt Ion:264 Resp: 341165
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 20.8 17.2 25.8

