

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125946.D
 Acq On : 26 Oct 2021 21:43
 Operator : JU/CG
 Sample : M4358-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TH-GD

Quant Time: Oct 27 09:04:21 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	168909	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	662495	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	350516	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	561809	20.000	ng	0.00
76) Chrysene-d12	14.021	240	321946	20.000	ng	-0.01
86) Perylene-d12	15.492	264	373711	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1116605	98.468	ng	0.00
7) Phenol-d6	6.486	99	1377700	88.578	ng	0.00
23) Nitrobenzene-d5	7.428	82	914838	71.328	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	291403	95.367	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1366382	68.937	ng	0.00
79) Terphenyl-d14	12.974	244	1026140	52.136	ng	0.00

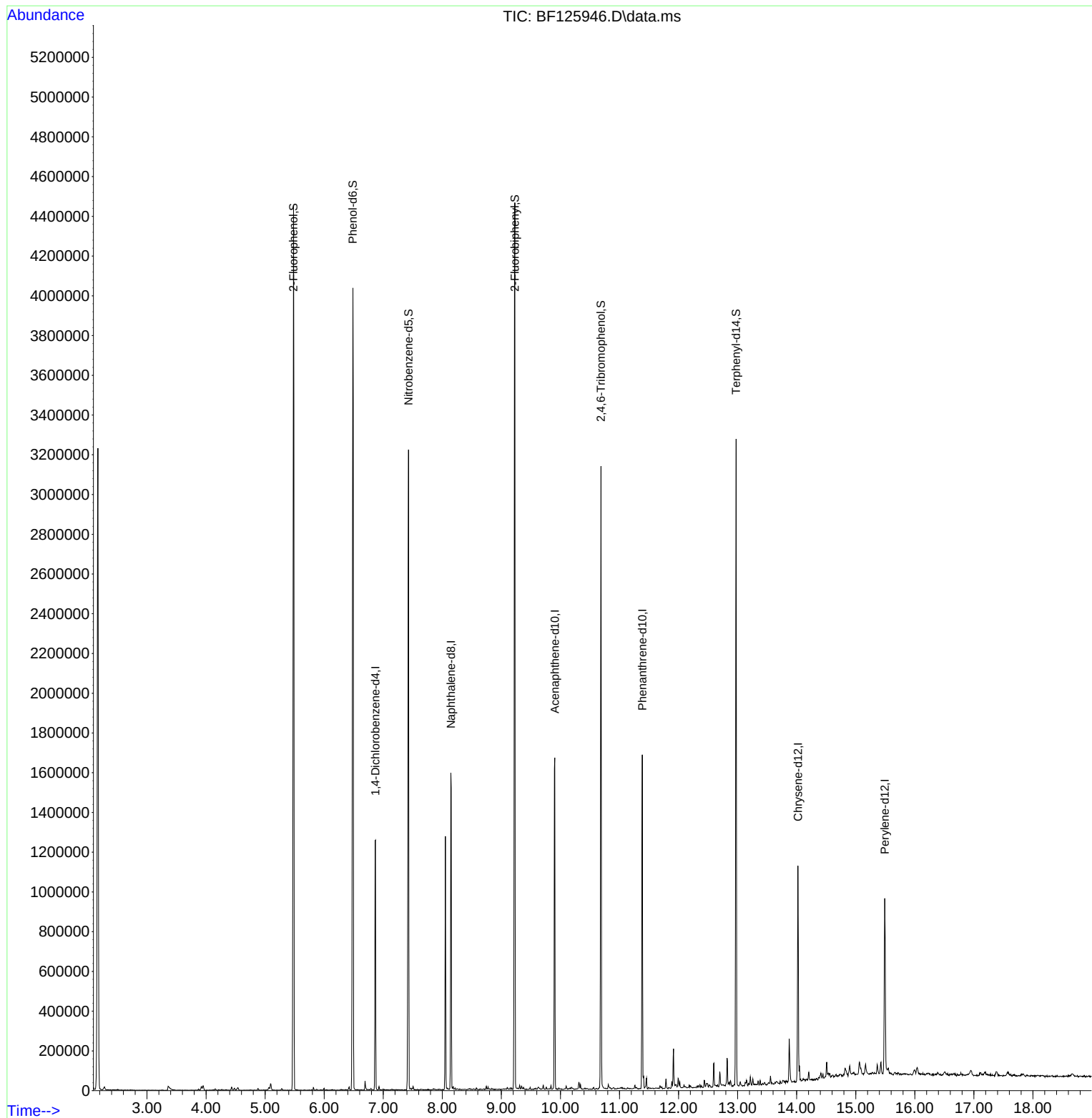
Target Compounds	Qvalue

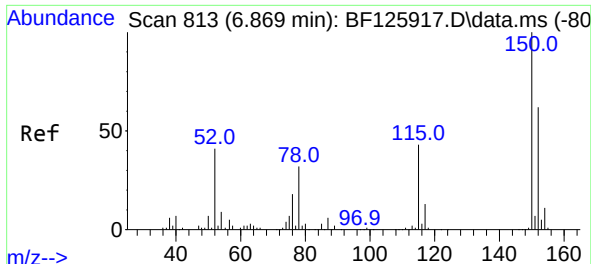
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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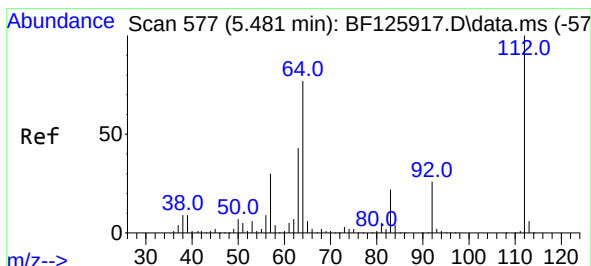
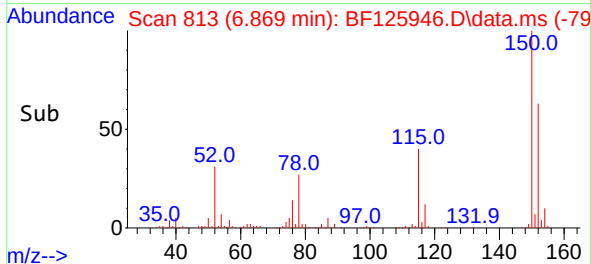
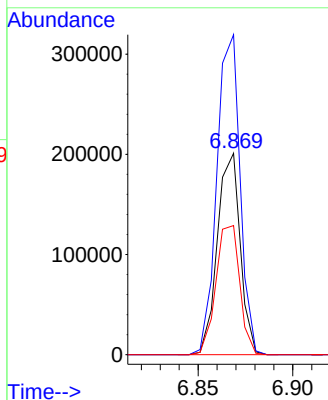
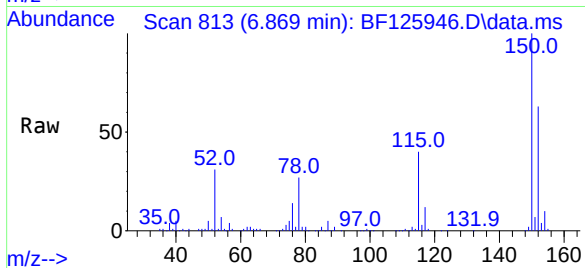




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

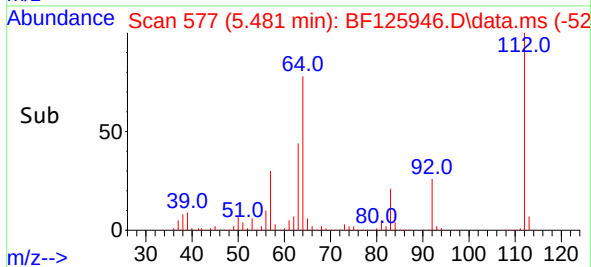
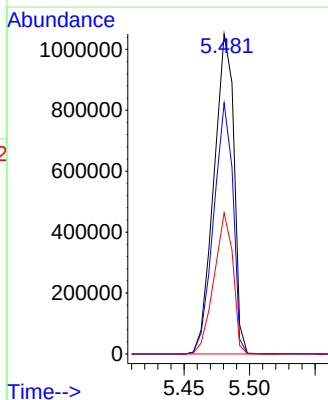
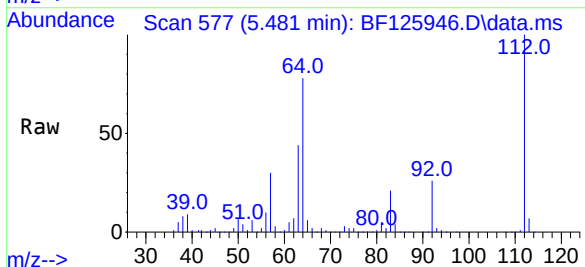
Instrument :
BNA_F
ClientSampleId :
TH-GD

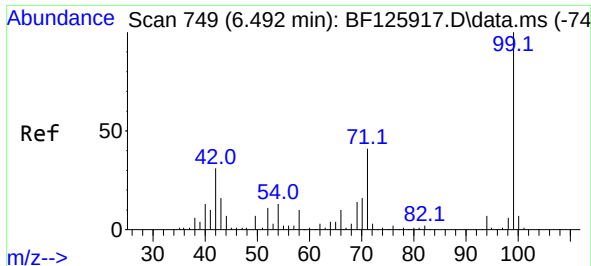
Tgt Ion:152 Resp: 168909
Ion Ratio Lower Upper
152 100
150 158.9 117.6 176.4
115 64.1 47.1 70.7



#5
2-Fluorophenol
Concen: 98.468 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

Tgt Ion:112 Resp: 1116605
Ion Ratio Lower Upper
112 100
64 78.4 44.2 66.2#
63 44.1 26.2 39.2#

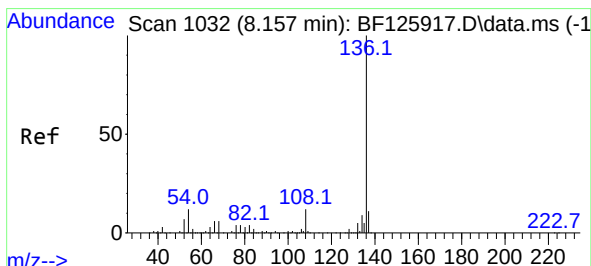
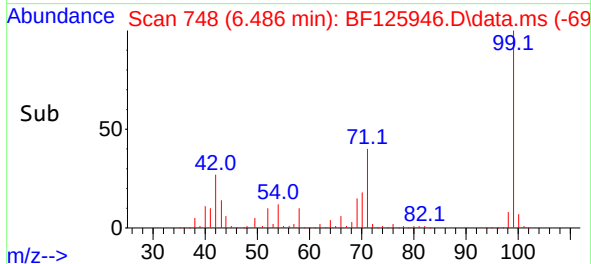
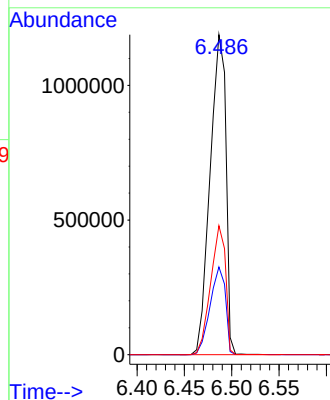
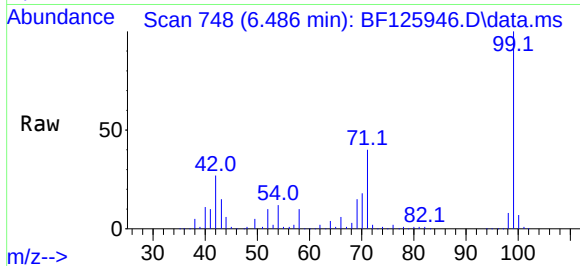




#7
Phenol-d6
Concen: 88.578 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

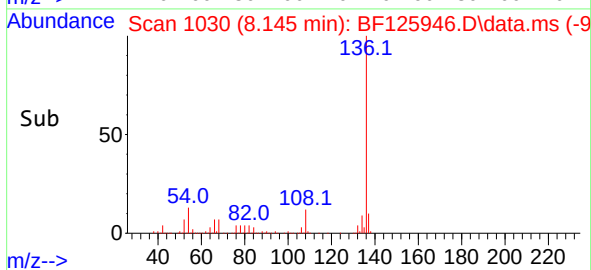
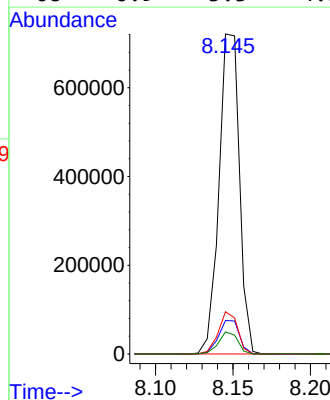
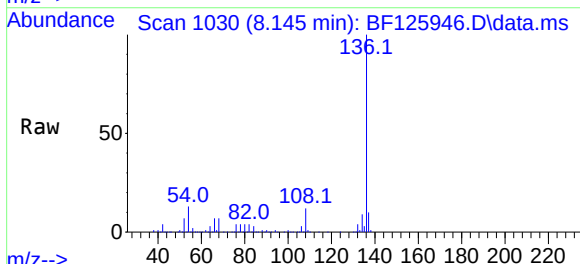
Instrument :
BNA_F
ClientSampleId :
TH-GD

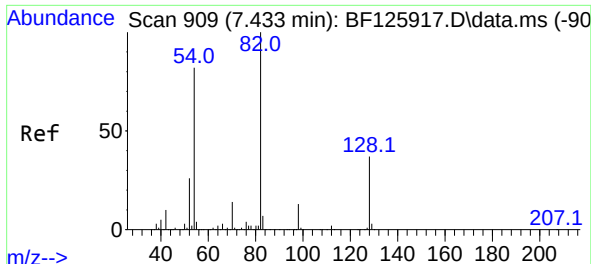
Tgt Ion: 99 Resp: 1377700
Ion Ratio Lower Upper
99 100
42 27.4 23.5 35.3
71 40.3 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

Tgt Ion: 136 Resp: 662495
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 13.2 6.4 9.6#
68 6.9 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 71.328 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF125946.D

Acq: 26 Oct 2021 21:43

Instrument :

BNA_F

ClientSampleId :

TH-GD

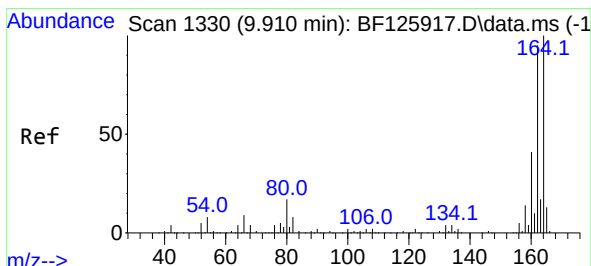
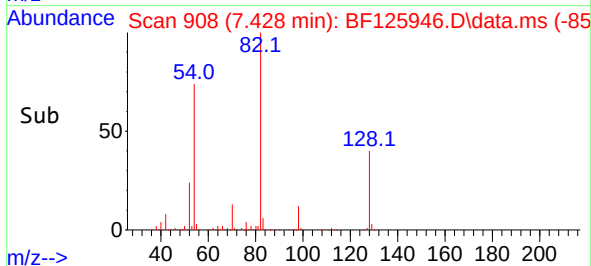
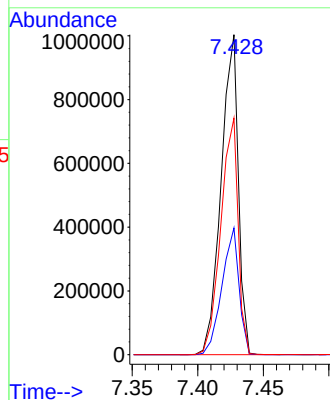
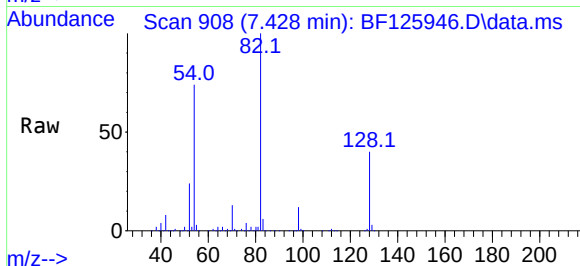
Tgt Ion: 82 Resp: 914838

Ion Ratio Lower Upper

82 100

128 39.6 40.6 60.8#

54 73.9 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF125946.D

Acq: 26 Oct 2021 21:43

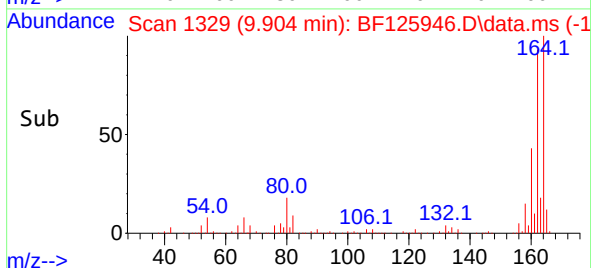
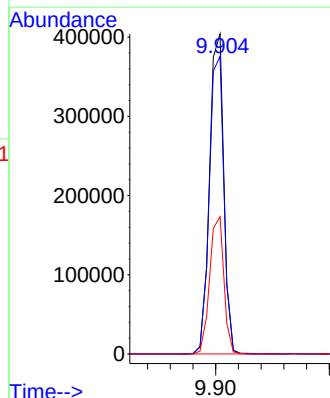
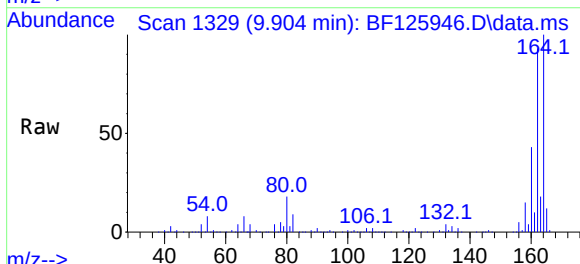
Tgt Ion:164 Resp: 350516

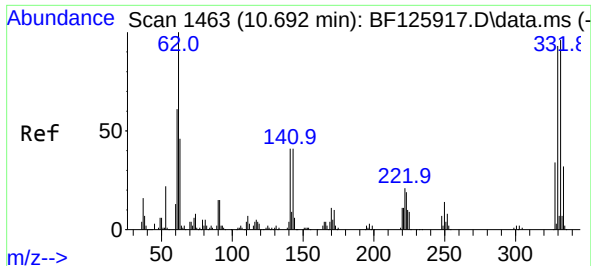
Ion Ratio Lower Upper

164 100

162 93.0 81.3 121.9

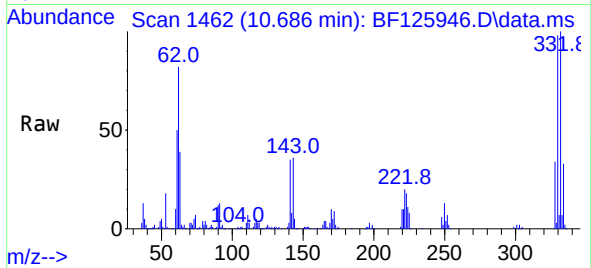
160 42.9 38.0 57.0



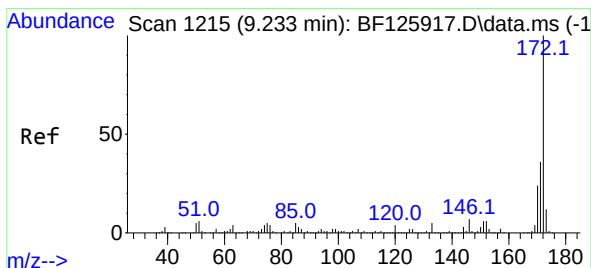
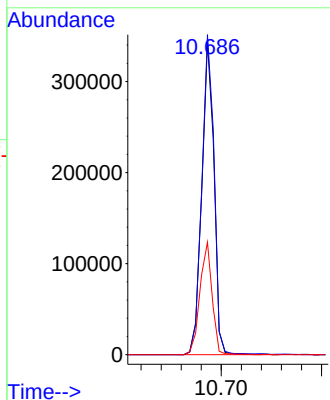
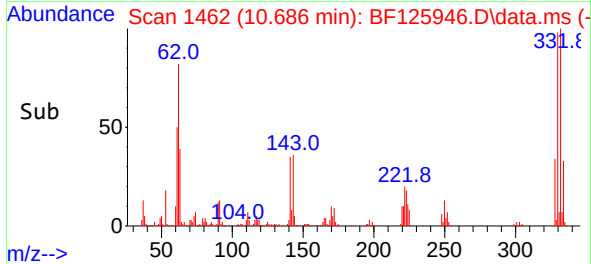


#42
2,4,6-Tribromophenol
Concen: 95.367 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

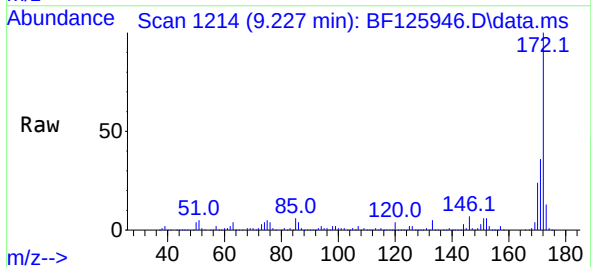
Instrument :
BNA_F
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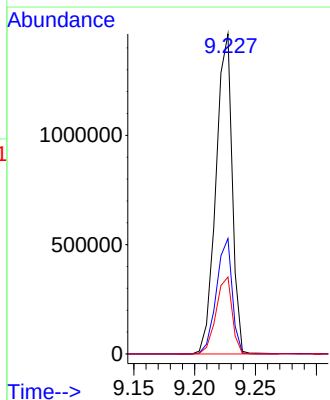
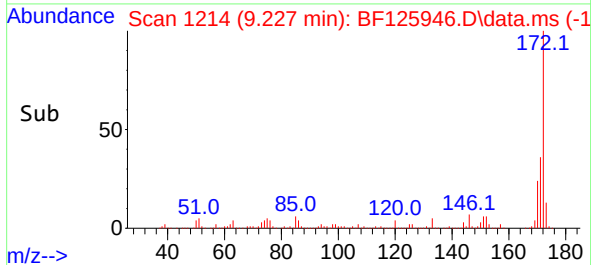
Tgt Ion:330 Resp: 291403
Ion Ratio Lower Upper
330 100
332 102.8 76.2 114.4
141 35.9 44.6 66.8#

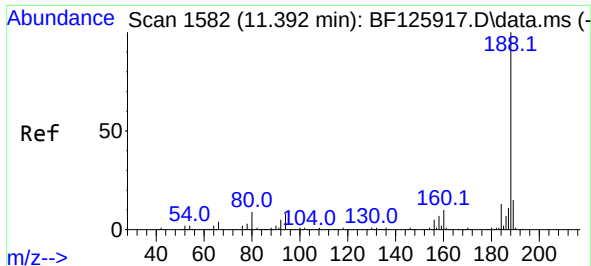


#45
2-Fluorobiphenyl
Concen: 68.937 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43



Tgt Ion:172 Resp: 1366382
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 24.1 18.8 28.2

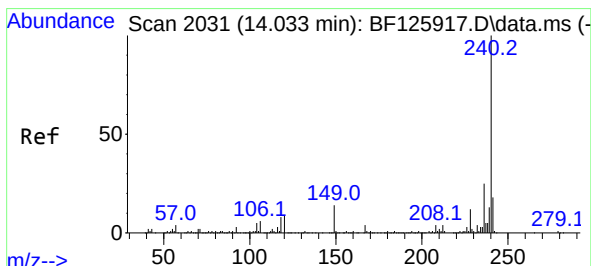
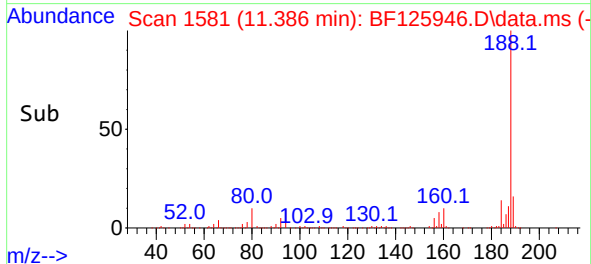
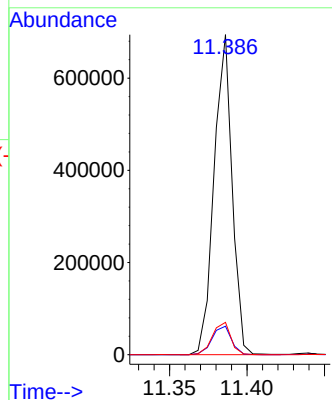
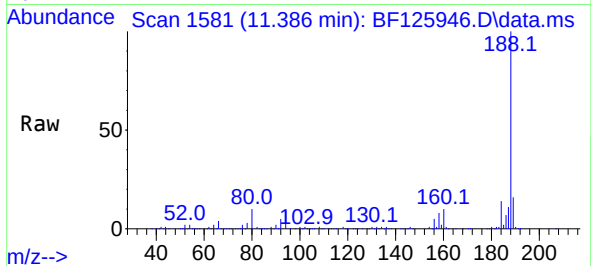




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

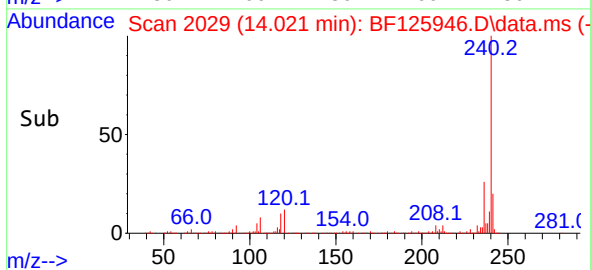
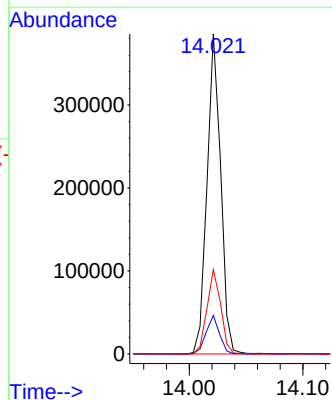
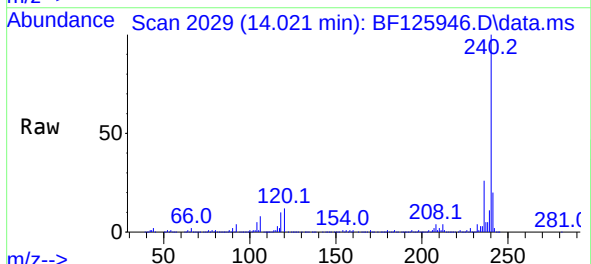
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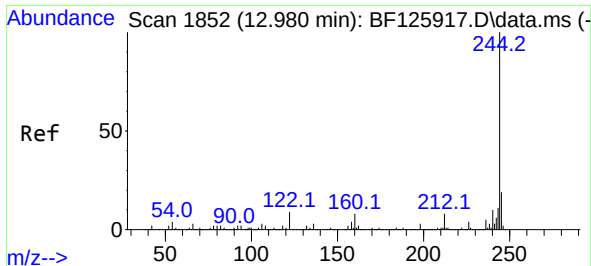
Tgt Ion:188 Resp: 561809
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 10.1 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

Tgt Ion:240 Resp: 321946
Ion Ratio Lower Upper
240 100
120 12.1 10.8 16.2
236 26.4 21.6 32.4

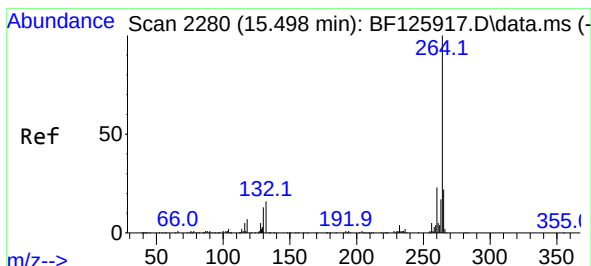
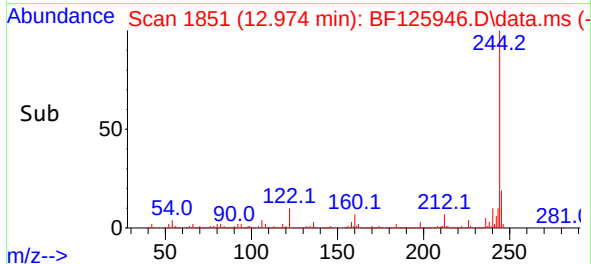
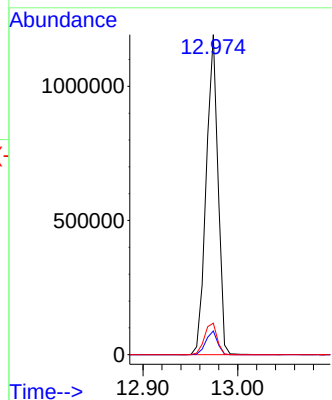
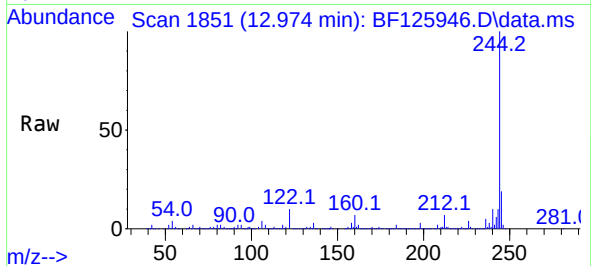




#79
Terphenyl-d14
Concen: 52.136 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF125946.D
Acq: 26 Oct 2021 21:43

Instrument :
BNA_F
ClientSampleId :
TH-GD

Tgt Ion:244 Resp: 1026140
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 9.9 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: BF125946.D
Acq: 26 Oct 2021 21:43

Tgt Ion:264 Resp: 373711
Ion Ratio Lower Upper
264 100
260 24.9 19.6 29.4
265 22.9 17.2 25.8

