

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101521\
 Data File : BF125860.D
 Acq On : 15 Oct 2021 13:47
 Operator : JU/CG
 Sample : M4243-21
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T4-COMP-(1-4)

Quant Time: Oct 15 16:16:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 15 15:00:46 2021
 Response via : Initial Calibration

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

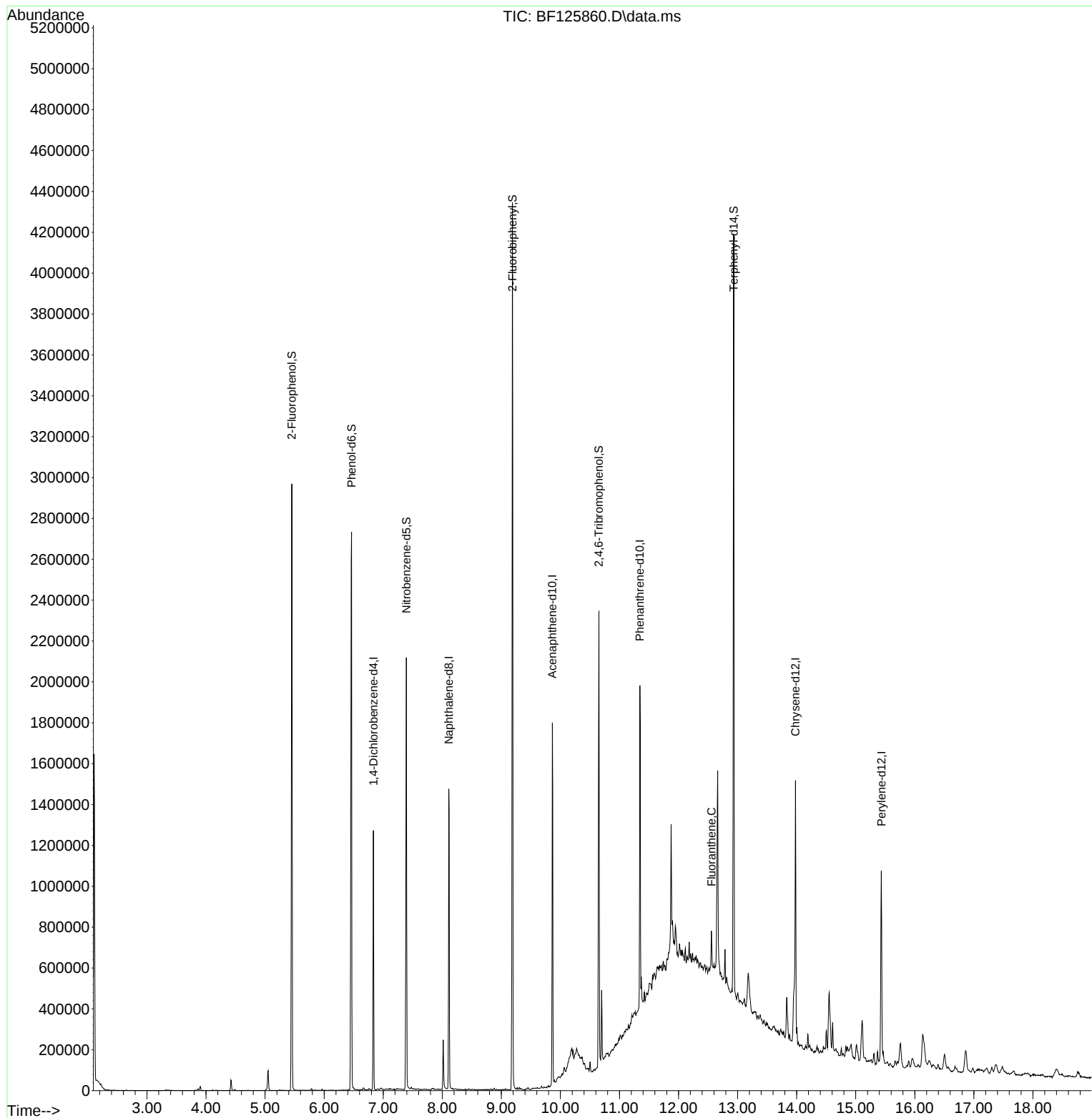
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	177266	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	711039	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	370015	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	601312	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	398865	20.000	ng	0.00
86) Perylene-d12	15.433	264	413787	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	902665	83.187	ng	0.00
7) Phenol-d6	6.463	99	1142900	81.817	ng	0.00
23) Nitrobenzene-d5	7.392	82	681624	59.589	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	290217	79.442	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1376624	64.171	ng	0.00
79) Terphenyl-d14	12.933	244	1254363	47.904	ng	0.00
Target Compounds						
75) Fluoranthene	12.557	202	75027	2.584	ng	Qvalue 93

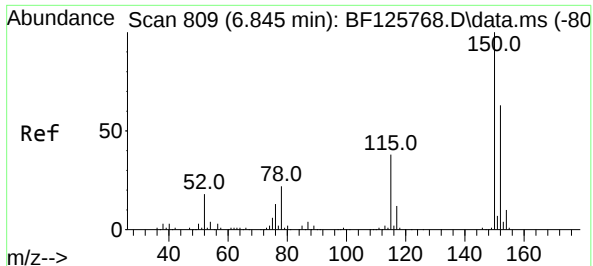
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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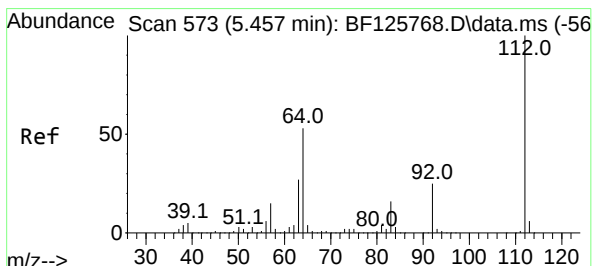
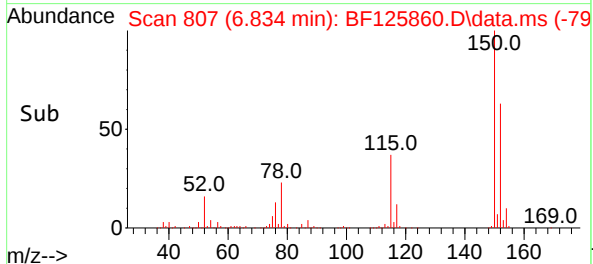
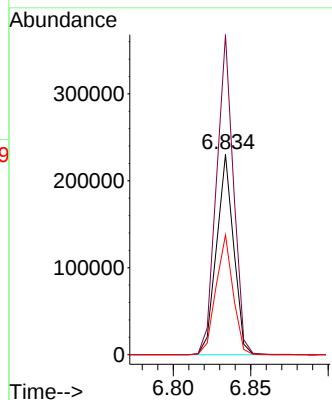
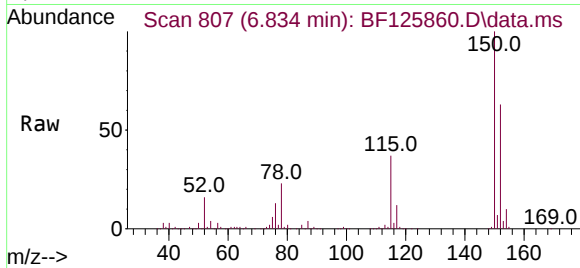




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

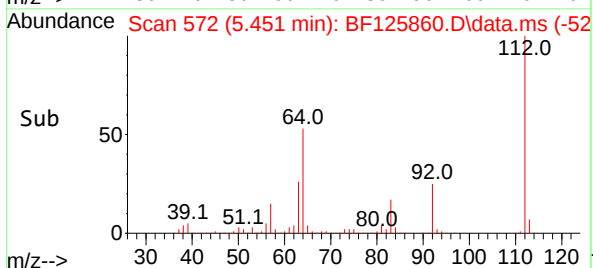
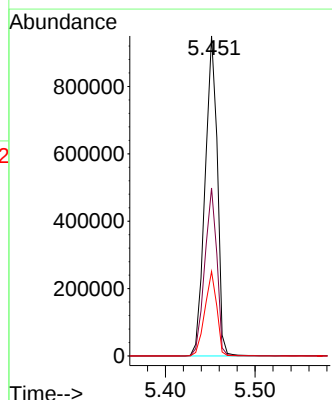
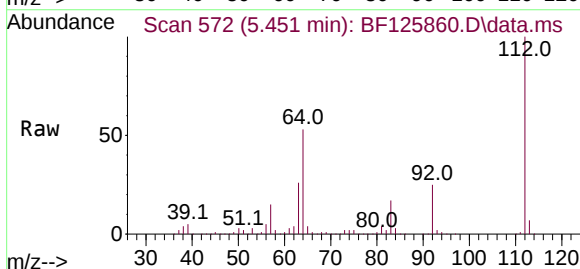
Instrument :
BNA_F
ClientSampleId :
T4-COMP-(1-4)

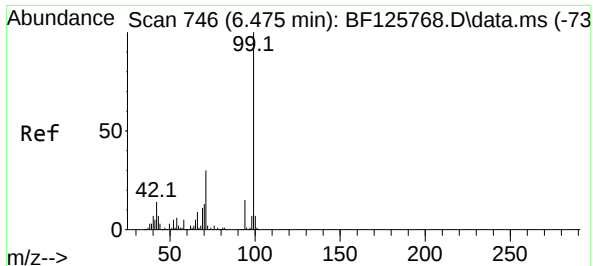
Tgt Ion:152 Resp: 177266
Ion Ratio Lower Upper
152 100
150 159.6 117.6 176.4
115 59.7 47.1 70.7



#5
2-Fluorophenol
Concen: 83.187 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

Tgt Ion:112 Resp: 902665
Ion Ratio Lower Upper
112 100
64 52.5 44.2 66.2
63 26.4 26.2 39.2

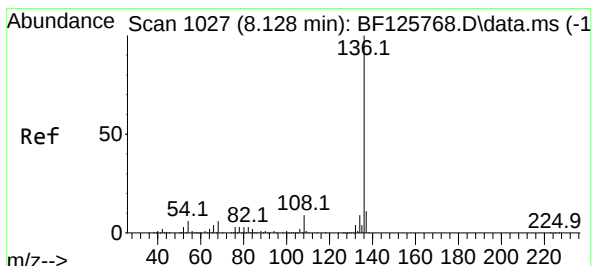
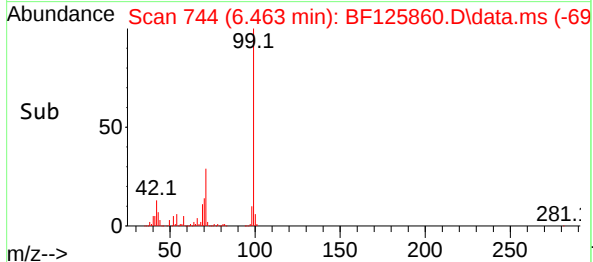
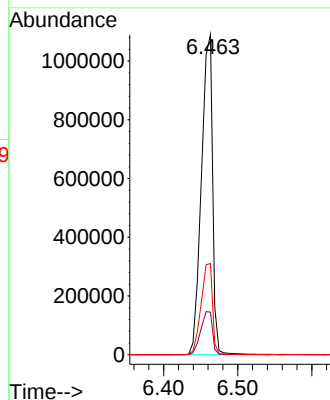
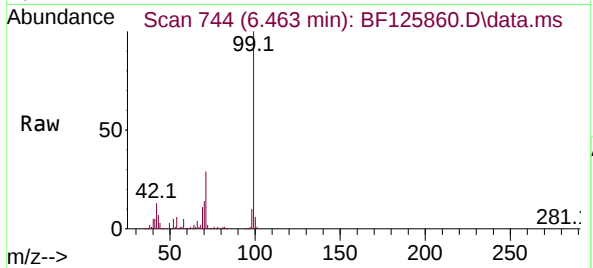




#7
Phenol-d6
Concen: 81.817 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

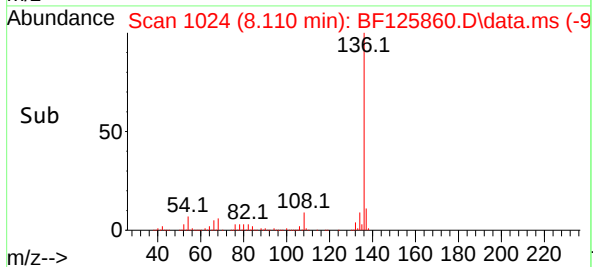
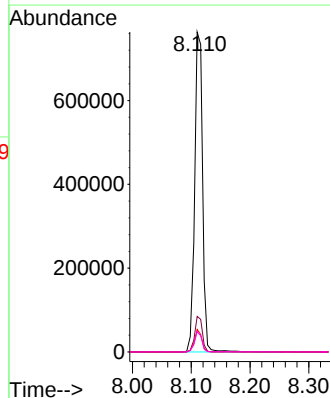
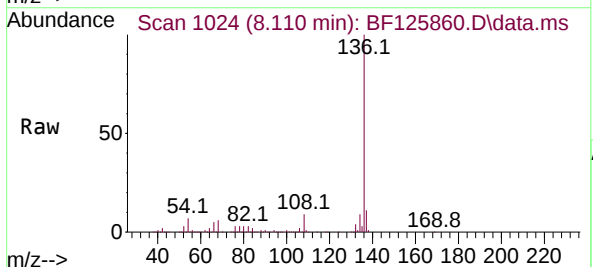
Instrument :
BNA_F
ClientSampleId :
T4-COMP-(1-4)

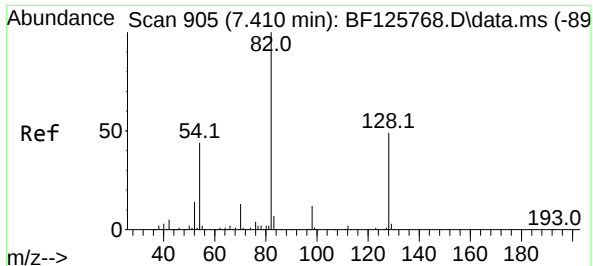
Tgt Ion: 99 Resp: 1142900
Ion Ratio Lower Upper
99 100
42 13.3 23.5 35.3#
71 28.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

Tgt Ion: 136 Resp: 711039
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 7.1 6.4 9.6
68 6.3 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 59.589 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF125860.D

Acq: 15 Oct 2021 13:47

Instrument :

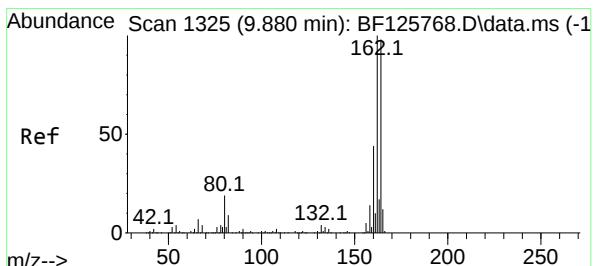
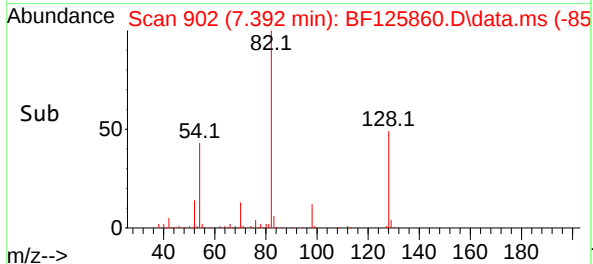
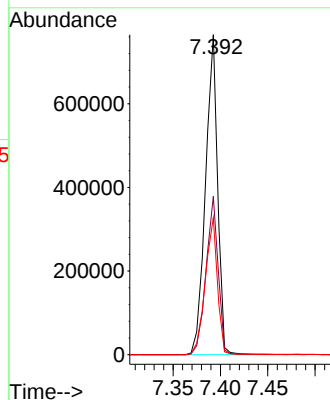
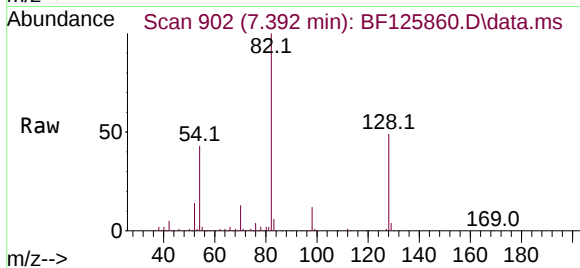
BNA_F

ClientSampleId :

T4-COMP-(1-4)

Tgt Ion: 82 Resp: 681624

Ion	Ratio	Lower	Upper
82	100		
128	49.5	40.6	60.8
54	42.7	49.6	74.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

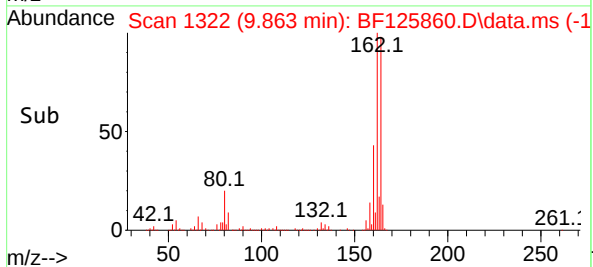
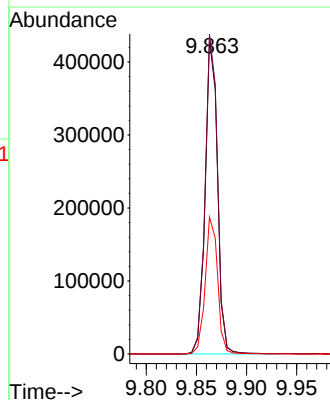
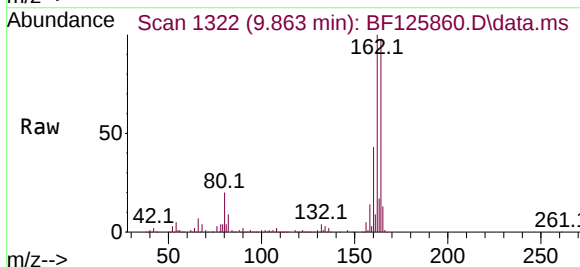
Delta R.T. -0.006 min

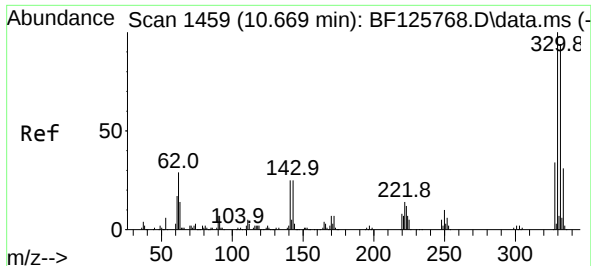
Lab File: BF125860.D

Acq: 15 Oct 2021 13:47

Tgt Ion: 164 Resp: 370015

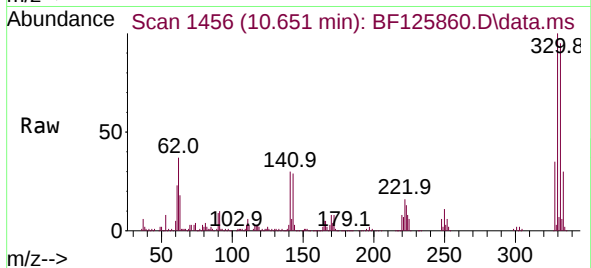
Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.3	121.9
160	43.5	38.0	57.0



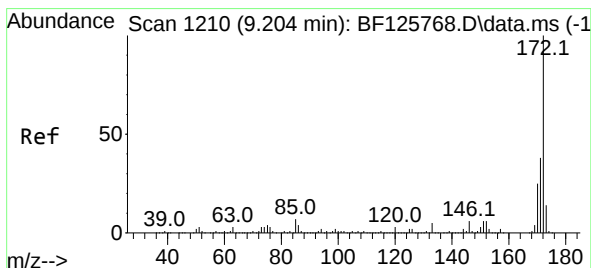
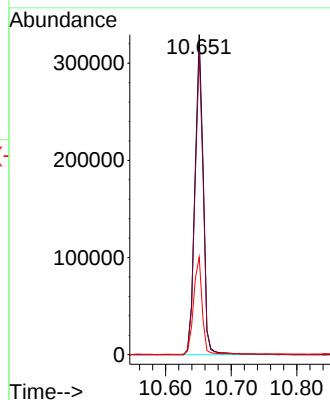
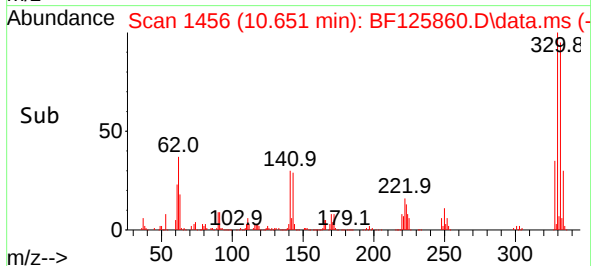


#42
2,4,6-Tribromophenol
Concen: 79.442 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

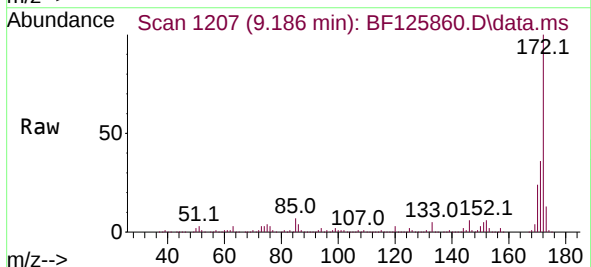
Instrument :
BNA_F
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T4-COMP-(1-4)



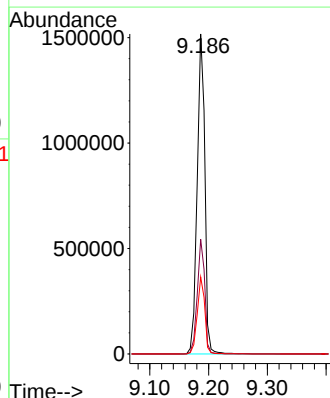
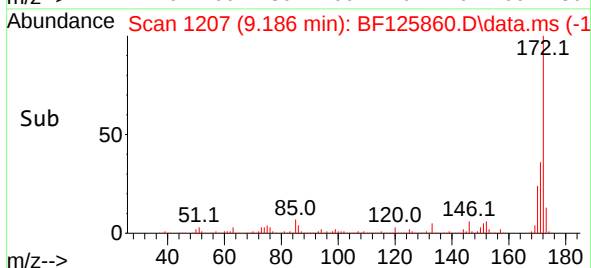
Tgt Ion: 330 Resp: 290217
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 31.2 44.6 66.8#

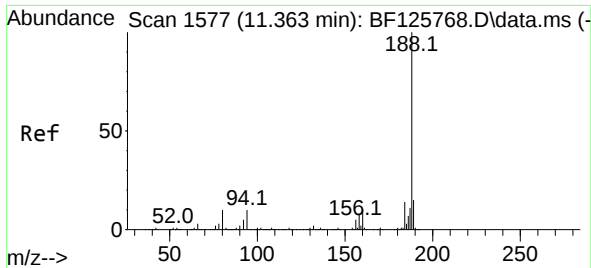


#45
2-Fluorobiphenyl
Concen: 64.171 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47



Tgt Ion: 172 Resp: 1376624
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 24.1 18.8 28.2

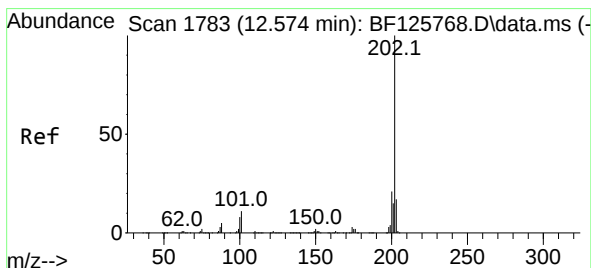
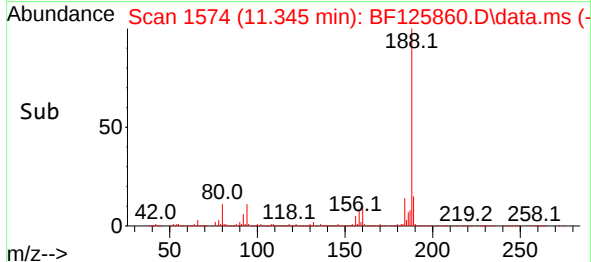
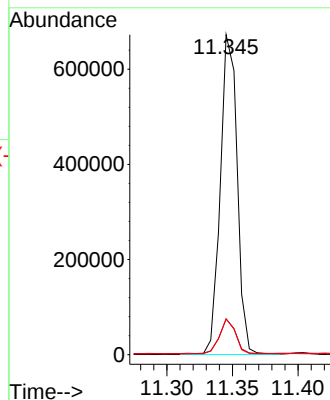
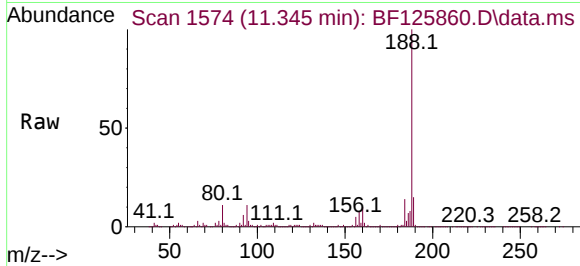




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

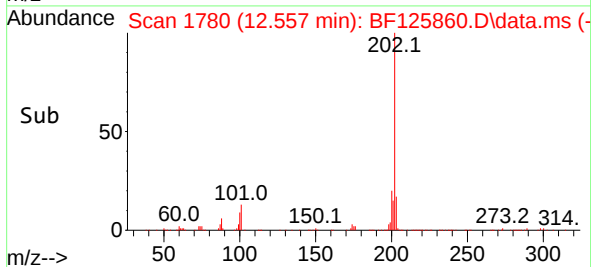
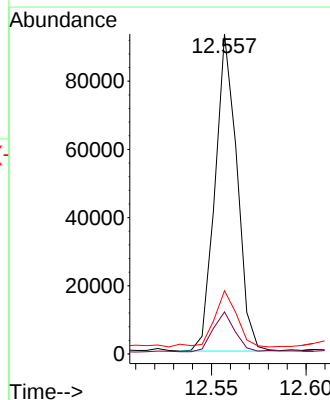
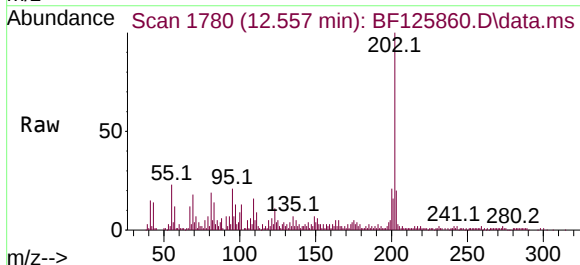
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ClientSampleId :
T4-COMP-(1-4)

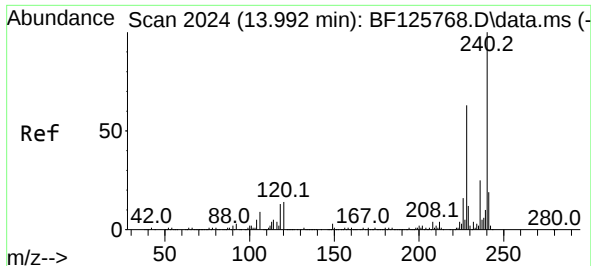
Tgt Ion:188 Resp: 601312
Ion Ratio Lower Upper
188 100
94 11.1 6.7 10.1#
80 11.2 7.5 11.3



#75
Fluoranthene
Concen: 2.584 ng
RT: 12.557 min Scan# 1780
Delta R.T. -0.006 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

Tgt Ion:202 Resp: 75027
Ion Ratio Lower Upper
202 100
101 13.2 0.0 30.7
203 19.7 0.0 36.3

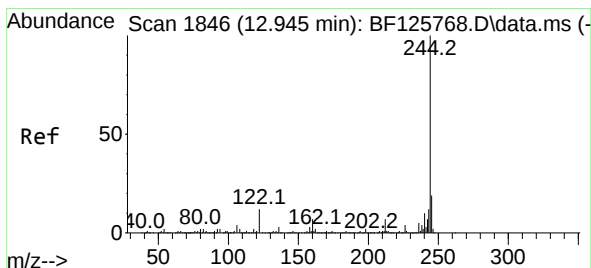
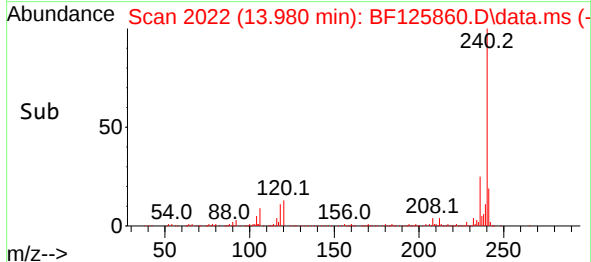
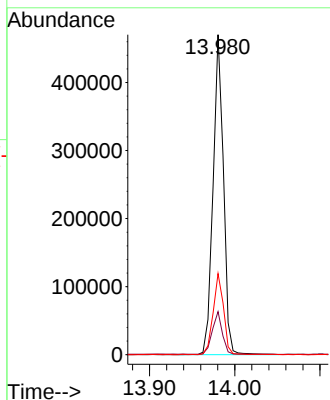
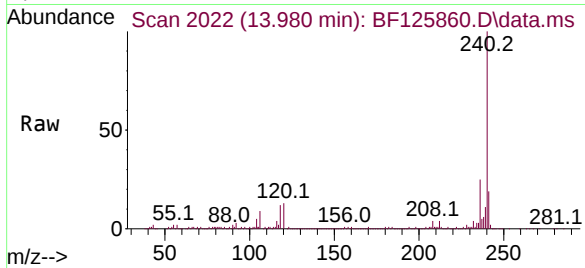




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

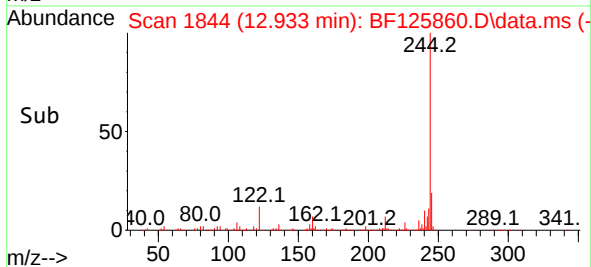
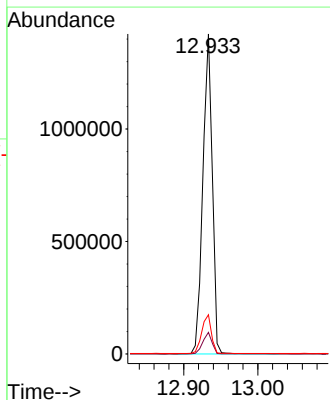
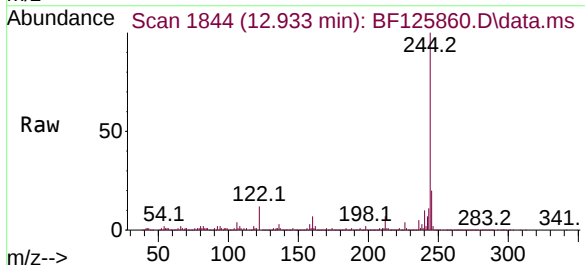
Instrument :
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ClientSampleId :
T4-COMP-(1-4)

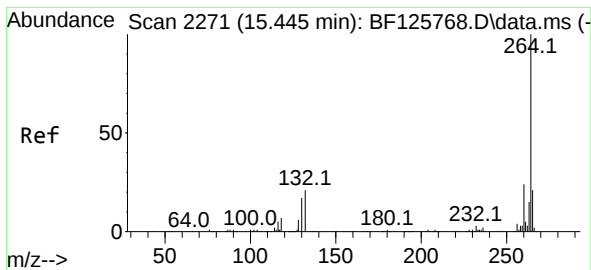
Tgt Ion:240 Resp: 398865
Ion Ratio Lower Upper
240 100
120 13.5 10.8 16.2
236 25.3 21.6 32.4



#79
Terphenyl-d14
Concen: 47.904 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BF125860.D
Acq: 15 Oct 2021 13:47

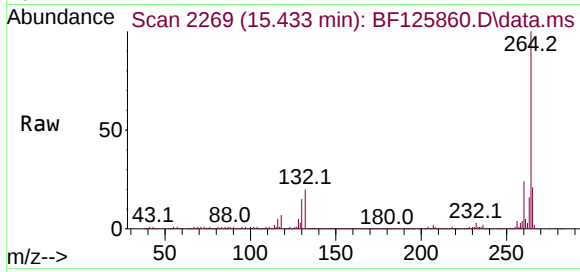
Tgt Ion:244 Resp: 1254363
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 12.2 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. 0.000 min
 Lab File: BF125860.D
 Acq: 15 Oct 2021 13:47

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:264 Resp: 413787
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 21.4 17.2 25.8

