

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
 Data File : BF125895.D
 Acq On : 19 Oct 2021 12:36
 Operator : JU/CG
 Sample : M4249-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-(D)

Quant Time: Oct 19 16:44:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	149293	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	593473	20.00	ng	# 0.00
39) Acenaphthene-d10	9.857	164	305524	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	512043	20.00	ng	0.00
76) Chrysene-d12	13.969	240	346786	20.00	ng	0.00
86) Perylene-d12	15.421	264	276089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1122195	122.80	ng	0.00
7) Phenol-d6	6.451	99	1247176	106.01	ng	0.00
23) Nitrobenzene-d5	7.381	82	870396	91.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	411635	136.46	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1656862	93.54	ng	0.00
79) Terphenyl-d14	12.922	244	1683436	73.94	ng	0.00

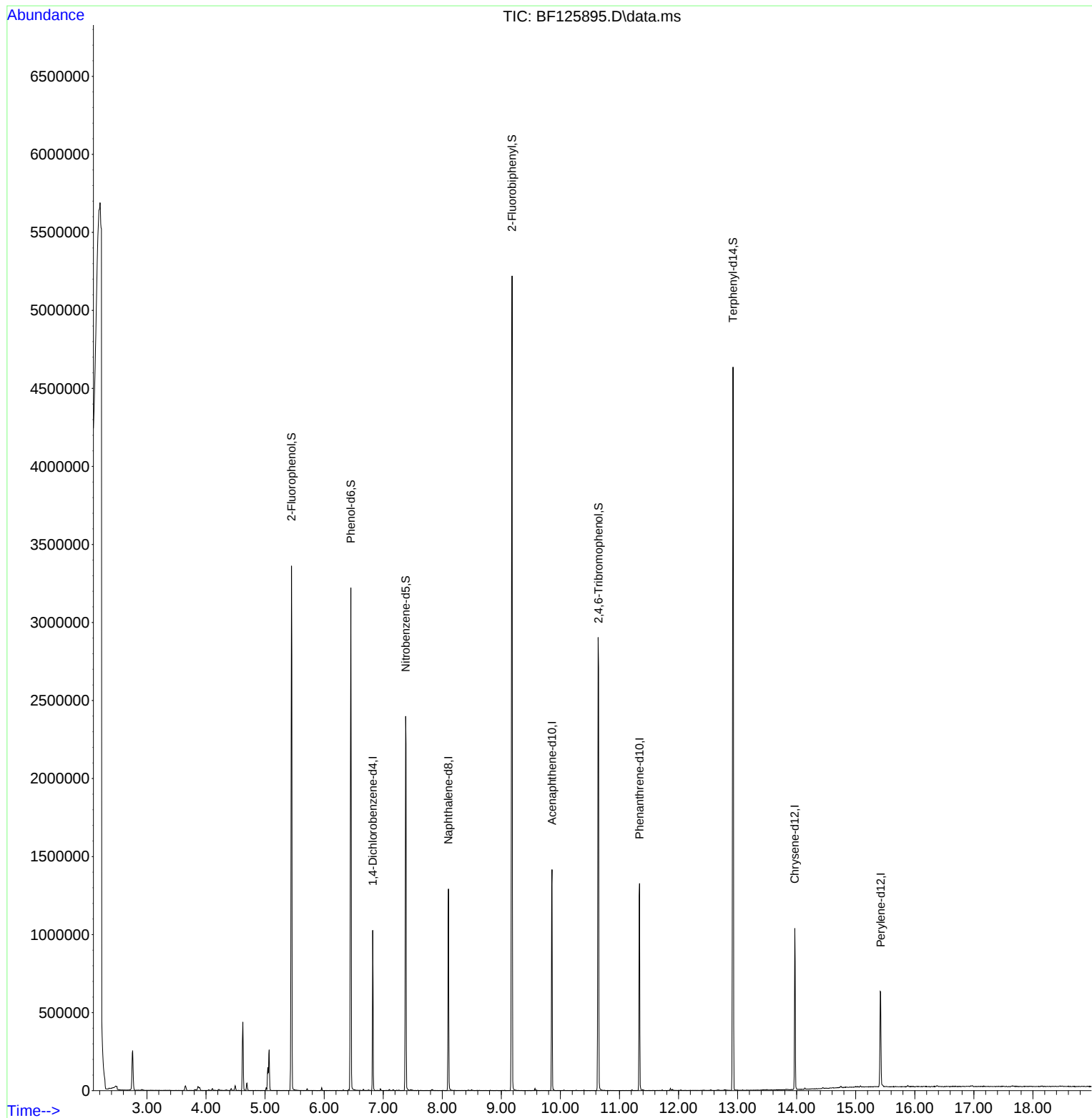
Target Compounds	Qvalue

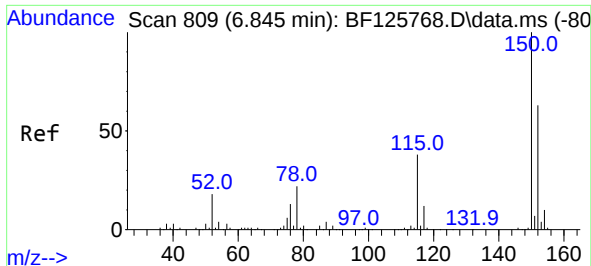
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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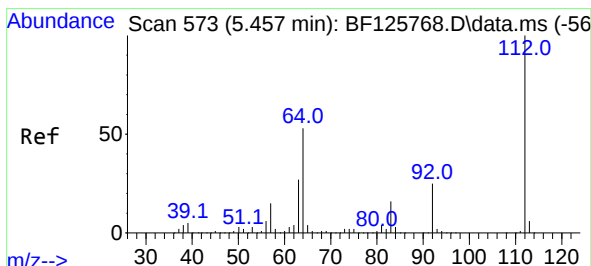
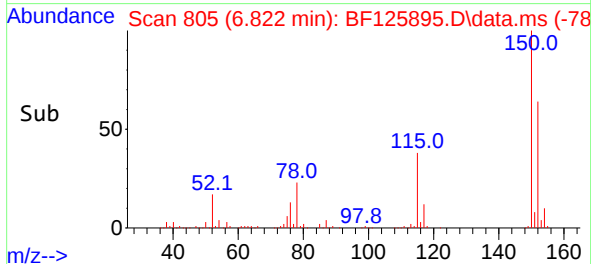
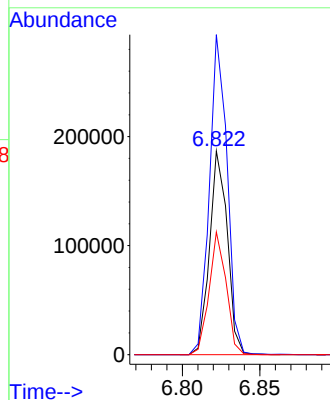
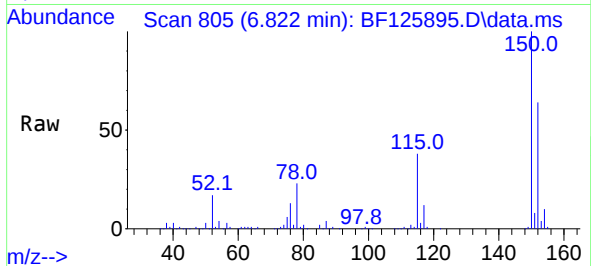




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

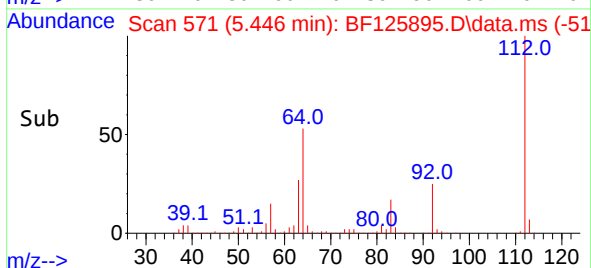
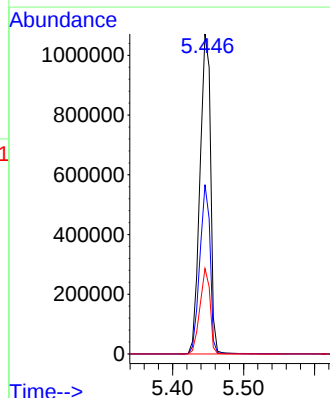
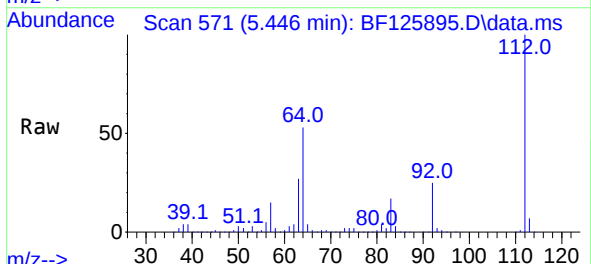
Instrument :
BNA_F
ClientSampleId :
TP1-(D)

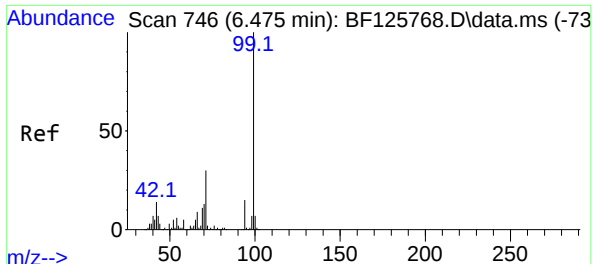
Tgt Ion:152 Resp: 149293
Ion Ratio Lower Upper
152 100
150 157.1 117.6 176.4
115 60.3 47.1 70.7



#5
2-Fluorophenol
Concen: 122.80 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

Tgt Ion:112 Resp: 1122195
Ion Ratio Lower Upper
112 100
64 52.9 44.2 66.2
63 26.7 26.2 39.2



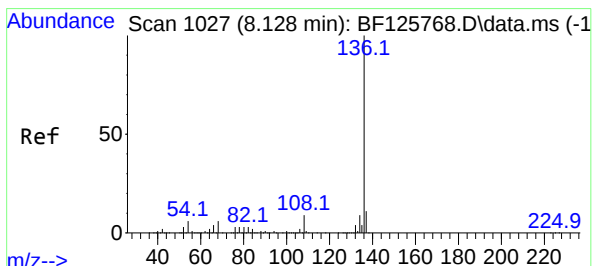
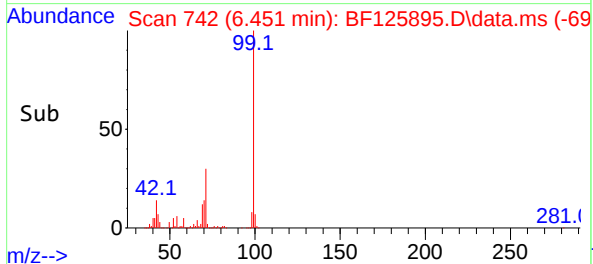
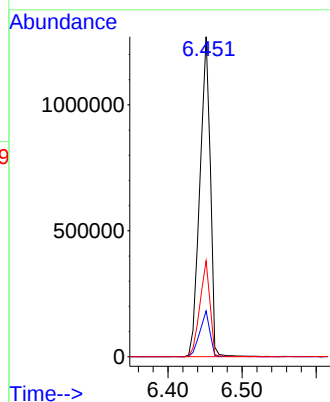
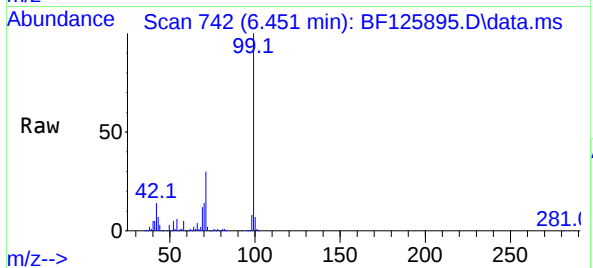


#7
Phenol-d6
Concen: 106.01 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

Instrument :
BNA_F
ClientSampleId :
TP1-(D)

Tgt Ion: 99 Resp: 1247176

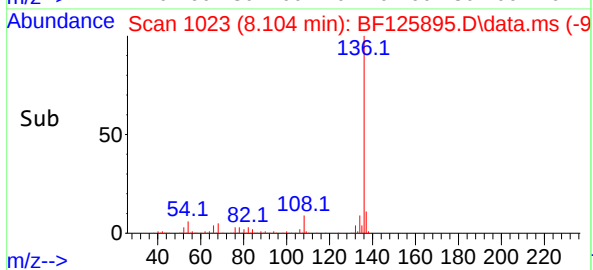
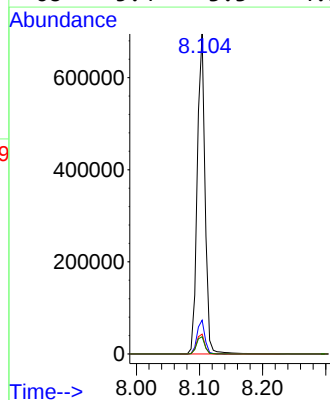
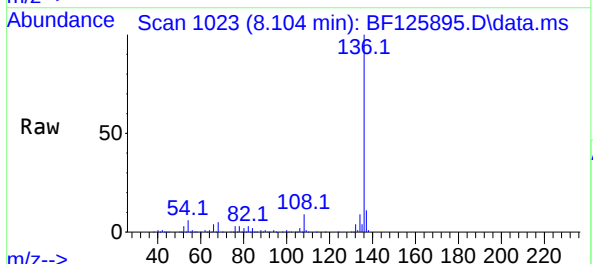
Ion	Ratio	Lower	Upper
99	100		
42	14.3	23.5	35.3#
71	30.0	25.6	38.4

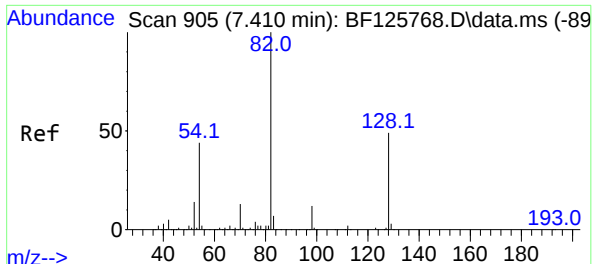


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

Tgt Ion: 136 Resp: 593473

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	6.2	6.4	9.6#
68	5.4	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 91.16 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.012 min

Lab File: BF125895.D

Acq: 19 Oct 2021 12:36

Instrument :

BNA_F

ClientSampleId :

TP1-(D)

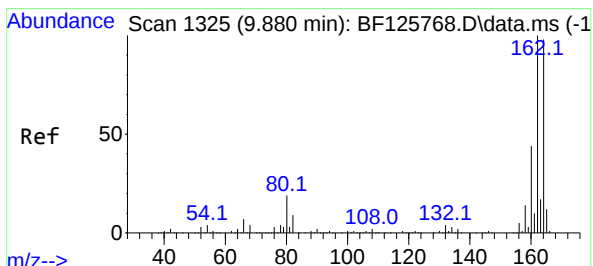
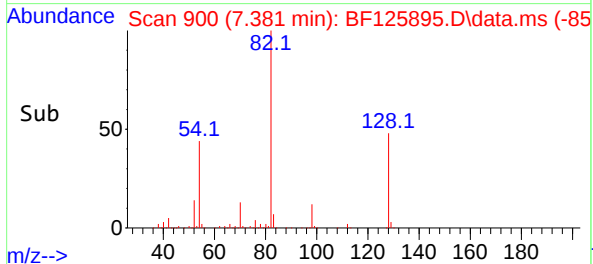
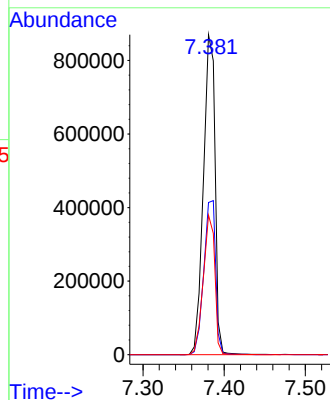
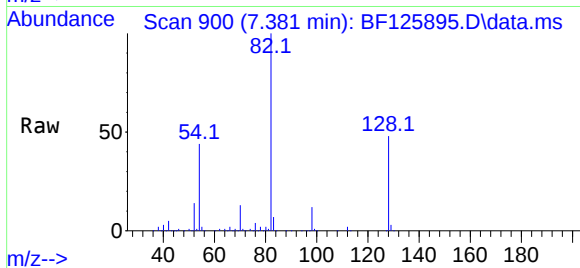
Tgt Ion: 82 Resp: 870396

Ion Ratio Lower Upper

82 100

128 47.5 40.6 60.8

54 43.6 49.6 74.4#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF125895.D

Acq: 19 Oct 2021 12:36

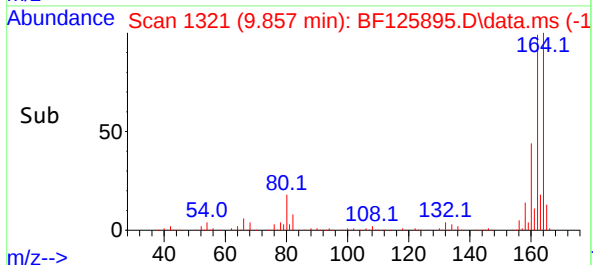
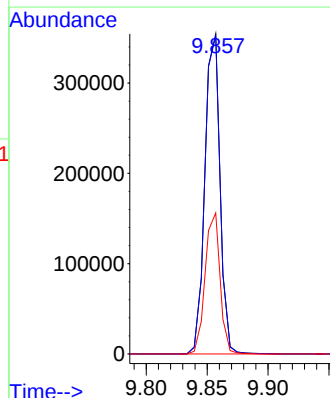
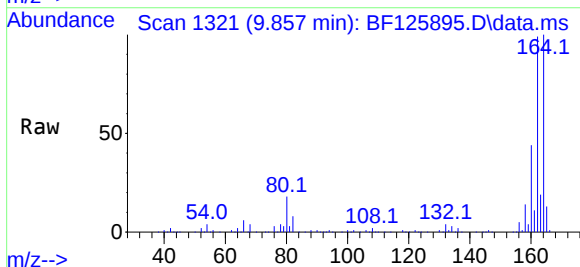
Tgt Ion: 164 Resp: 305524

Ion Ratio Lower Upper

164 100

162 99.4 81.3 121.9

160 44.0 38.0 57.0

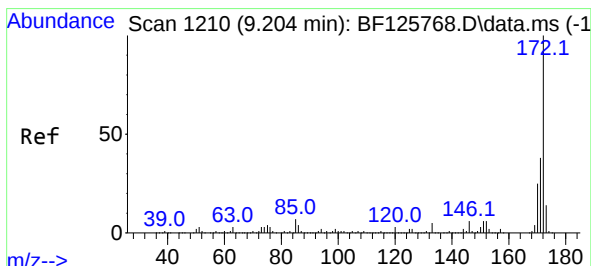
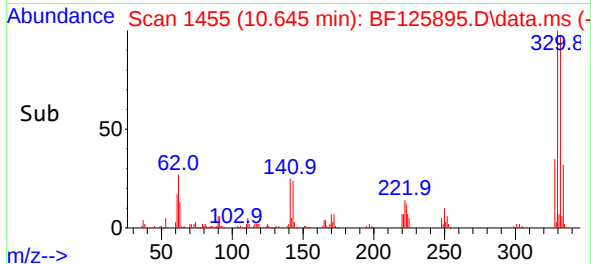
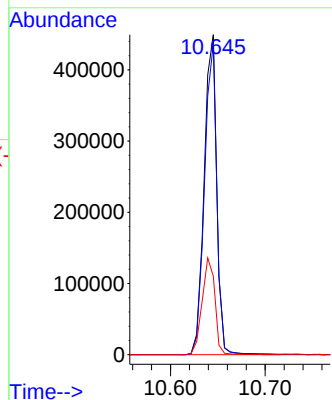
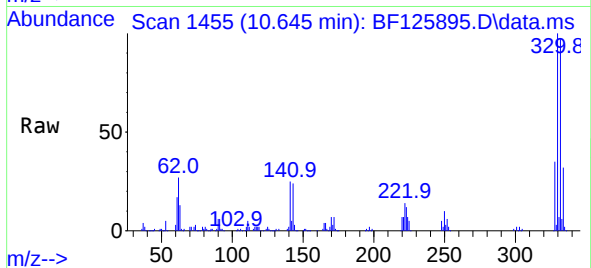




#42
2,4,6-Tribromophenol
Concen: 136.46 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

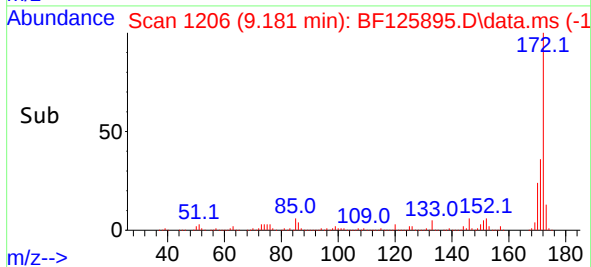
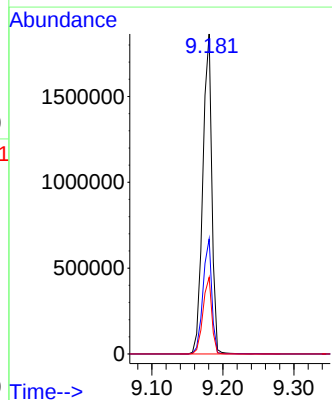
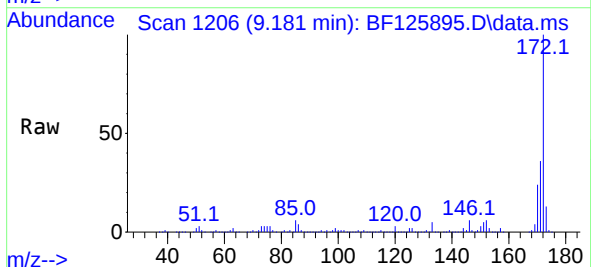
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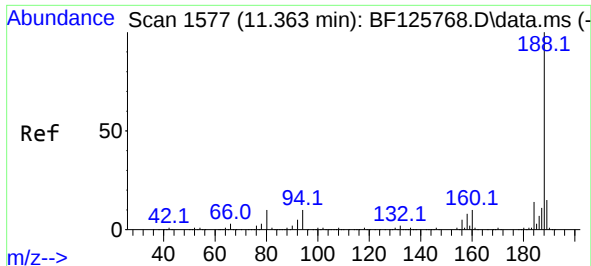
Tgt Ion:330 Resp: 411635
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 30.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 93.54 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

Tgt Ion:172 Resp: 1656862
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 23.9 18.8 28.2

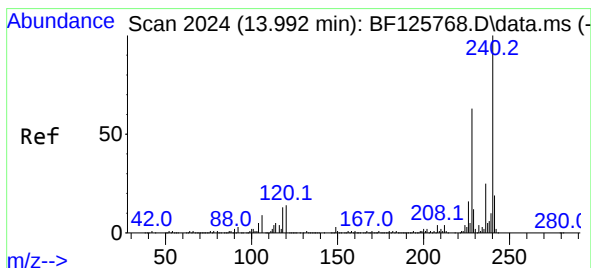
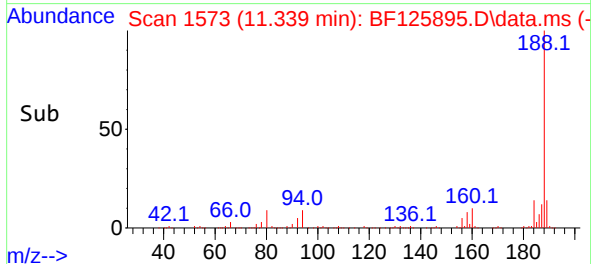
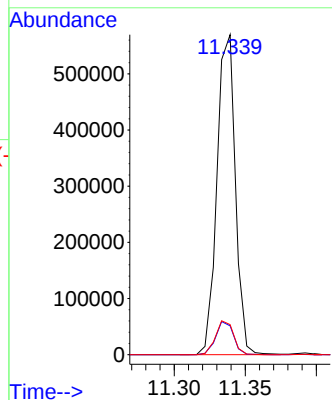
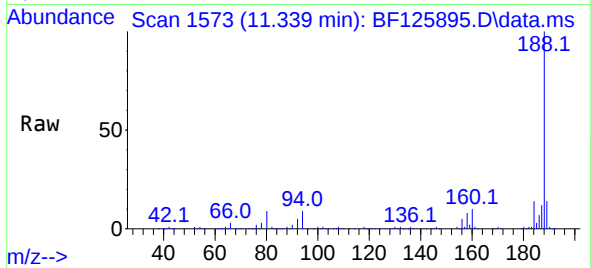




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

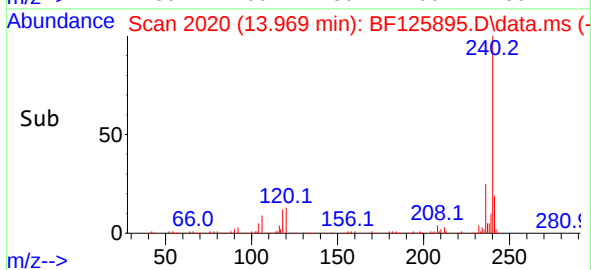
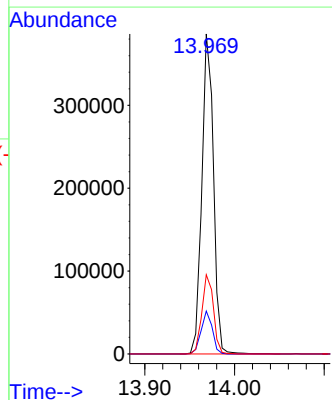
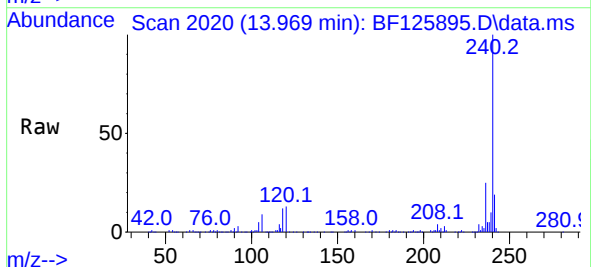
Instrument :
BNA_F
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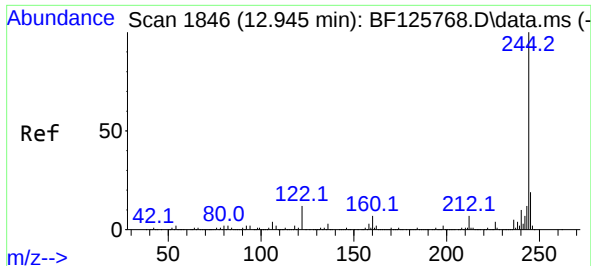
Tgt Ion:188 Resp: 512043
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

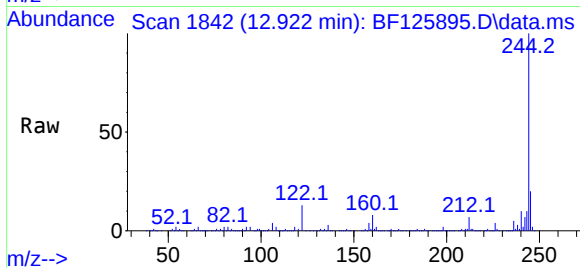
Tgt Ion:240 Resp: 346786
Ion Ratio Lower Upper
240 100
120 13.4 10.8 16.2
236 24.8 21.6 32.4



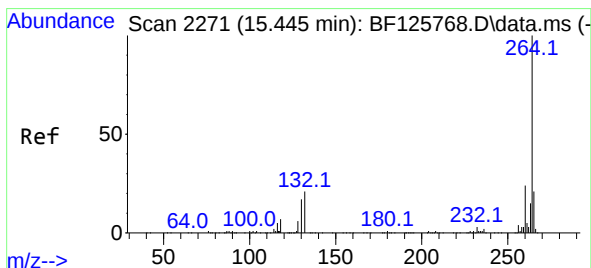
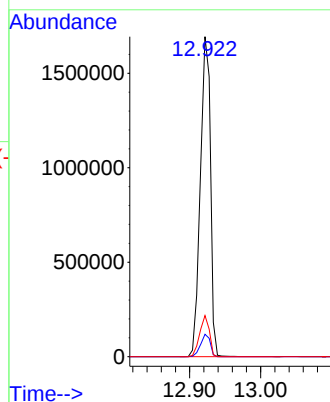
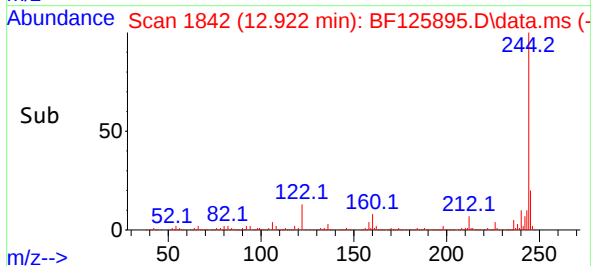


#79
Terphenyl-d14
Concen: 73.94 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36

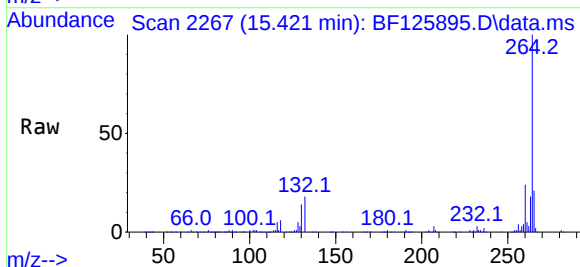
Instrument :
BNA_F
ClientSampleId :
TP1-(D)



Tgt Ion:244 Resp: 1683436
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 12.8 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF125895.D
Acq: 19 Oct 2021 12:36



Tgt Ion:264 Resp: 276089
Ion Ratio Lower Upper
264 100
260 23.6 19.6 29.4
265 20.8 17.2 25.8

