

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
 Data File : BF125896.D
 Acq On : 19 Oct 2021 13:08
 Operator : JU/CG
 Sample : M4249-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-(S)

Quant Time: Oct 19 16:45:09 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	151864	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	614108	20.00	ng	# 0.00
39) Acenaphthene-d10	9.857	164	316914	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	535836	20.00	ng	0.00
76) Chrysene-d12	13.968	240	389698	20.00	ng	0.00
86) Perylene-d12	15.421	264	297604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1105963	118.97	ng	0.00
7) Phenol-d6	6.451	99	1242789	103.85	ng	0.00
23) Nitrobenzene-d5	7.381	82	841726	85.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	404220	129.19	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1610399	87.65	ng	0.00
79) Terphenyl-d14	12.921	244	1715913	67.07	ng	0.00

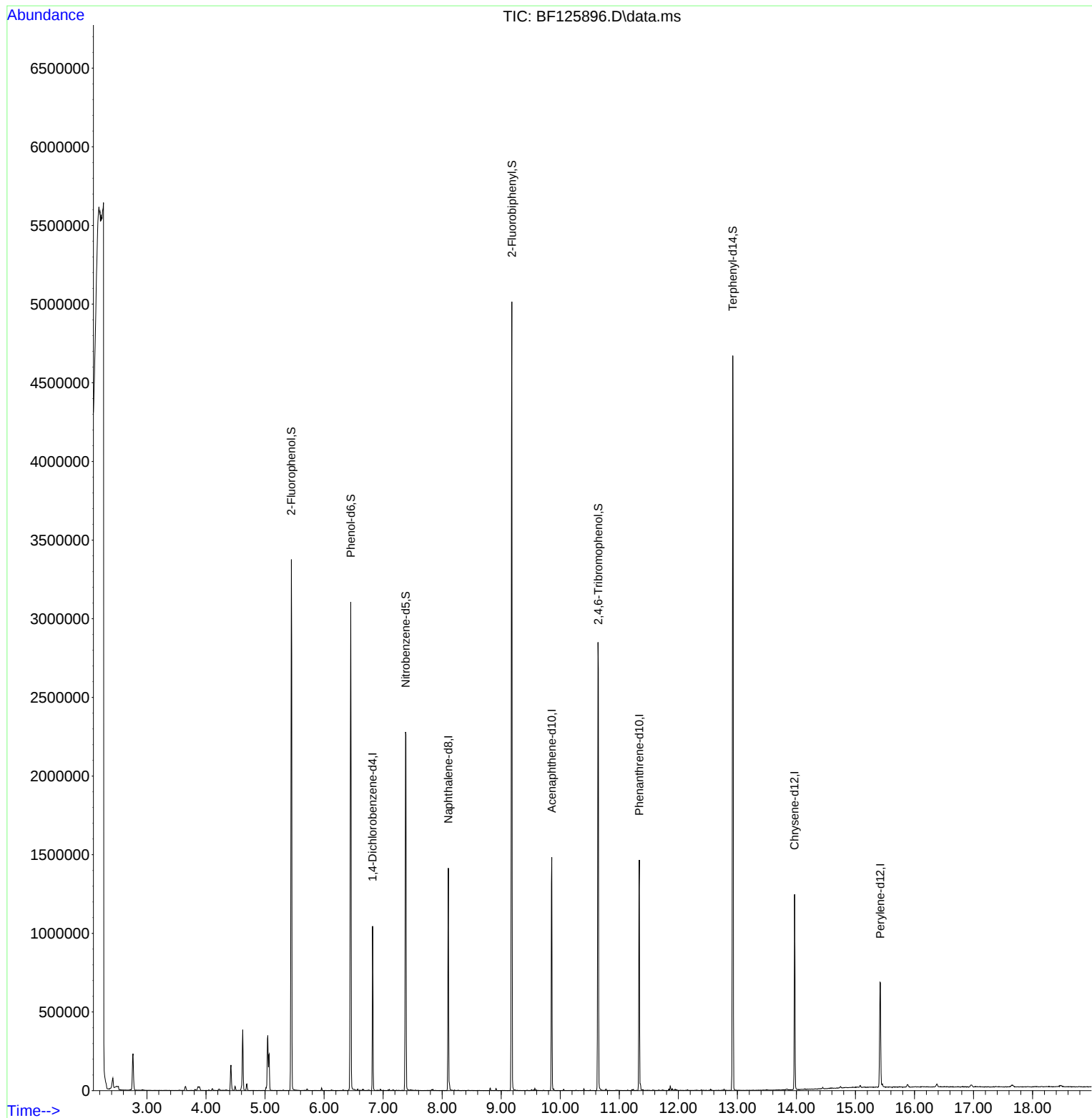
Target Compounds	Qvalue

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

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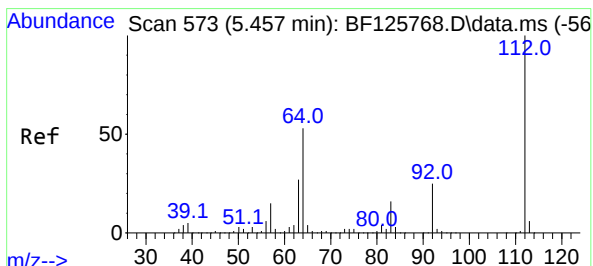
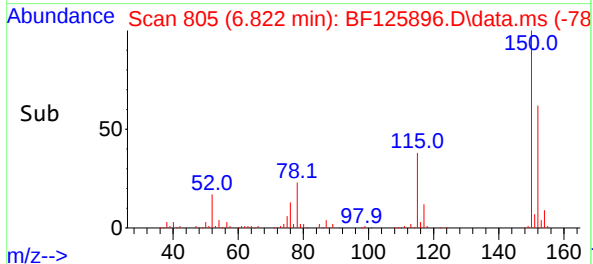
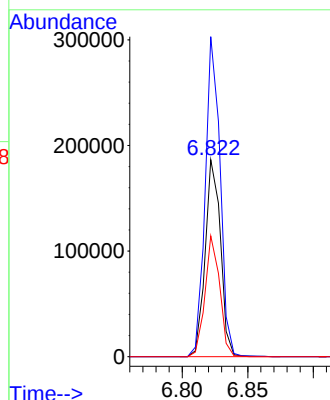
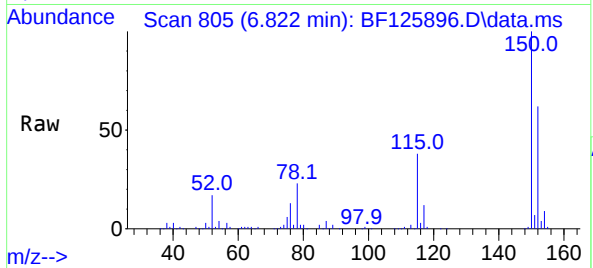




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125896.D
Acq: 19 Oct 2021 13:08

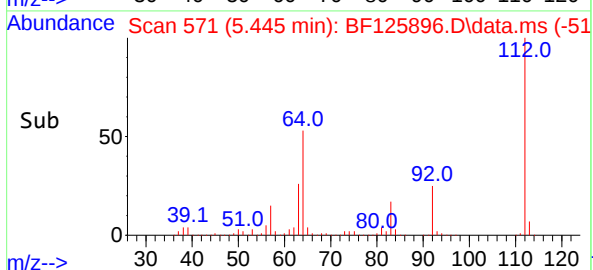
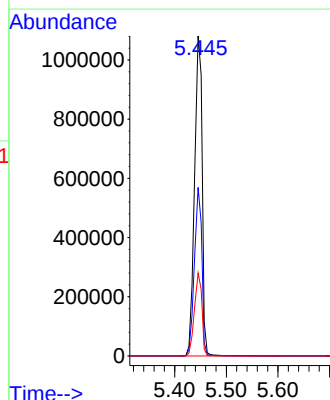
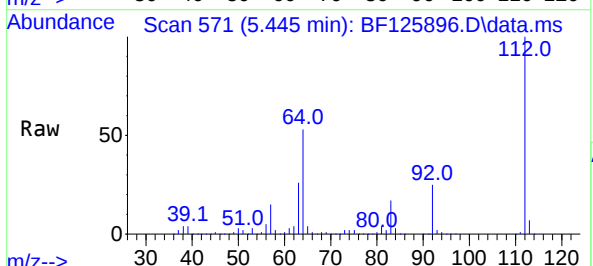
Instrument :
BNA_F
ClientSampleId :
TP2-(S)

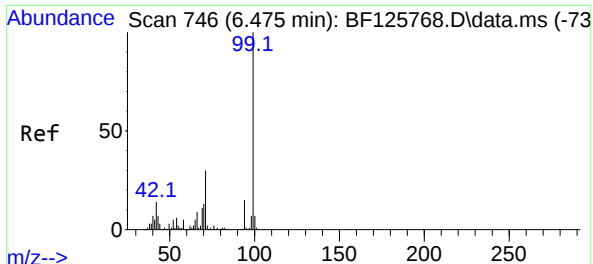
Tgt Ion:152 Resp: 151864
Ion Ratio Lower Upper
152 100
150 162.5 117.6 176.4
115 61.3 47.1 70.7



#5
2-Fluorophenol
Concen: 118.97 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF125896.D
Acq: 19 Oct 2021 13:08

Tgt Ion:112 Resp: 1105963
Ion Ratio Lower Upper
112 100
64 52.7 44.2 66.2
63 26.0 26.2 39.2#

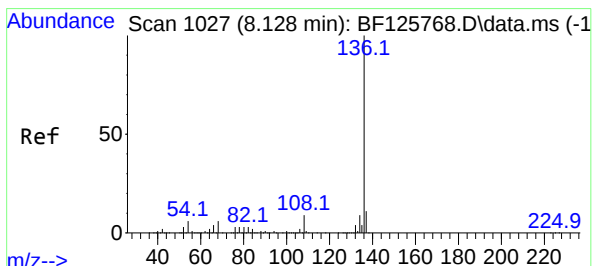
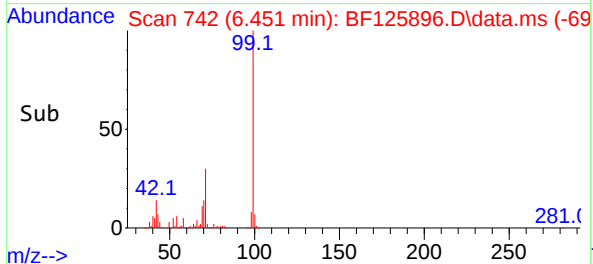
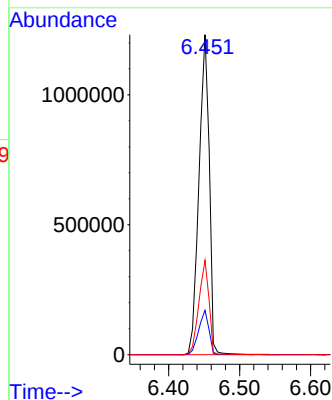
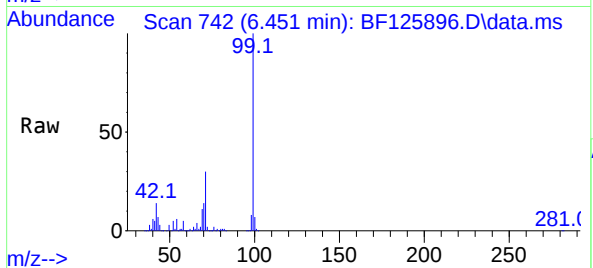




#7
Phenol-d6
Concen: 103.85 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF125896.D
Acq: 19 Oct 2021 13:08

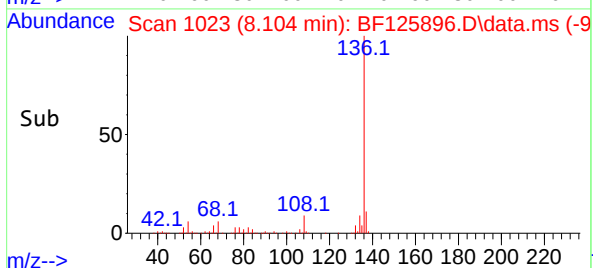
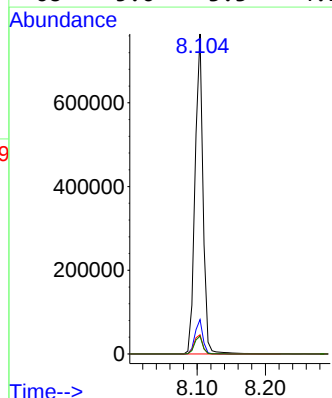
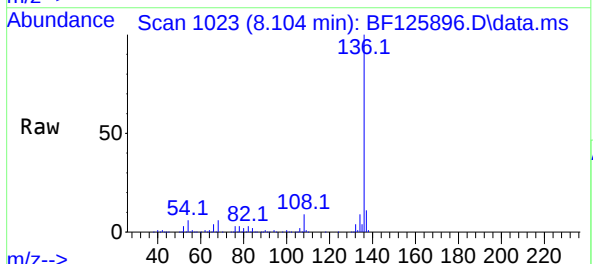
Instrument :
BNA_F
ClientSampleId :
TP2-(S)

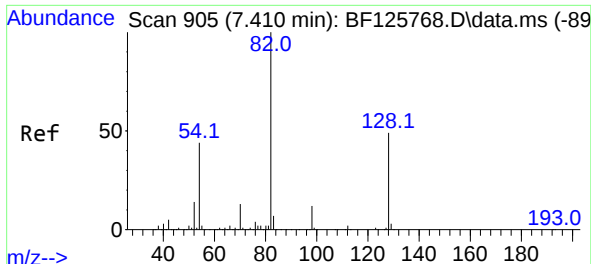
Tgt Ion: 99 Resp: 1242789
Ion Ratio Lower Upper
99 100
42 13.8 23.5 35.3#
71 29.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125896.D
Acq: 19 Oct 2021 13:08

Tgt Ion: 136 Resp: 614108
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 6.0 6.4 9.6#
68 5.6 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 85.20 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.012 min

Lab File: BF125896.D

Acq: 19 Oct 2021 13:08

Instrument :

BNA_F

ClientSampleId :

TP2-(S)

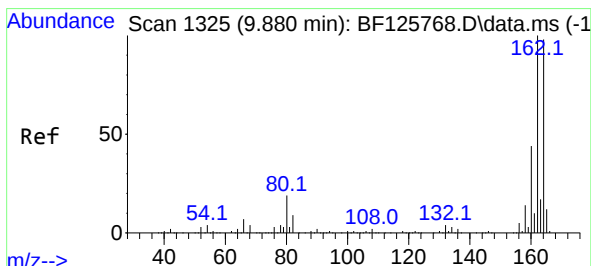
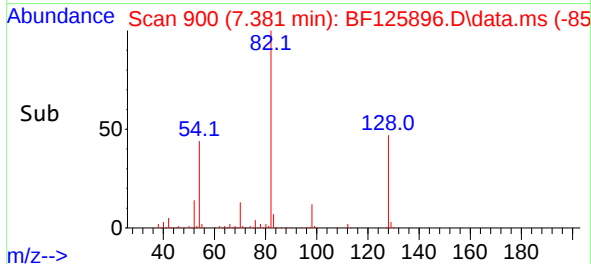
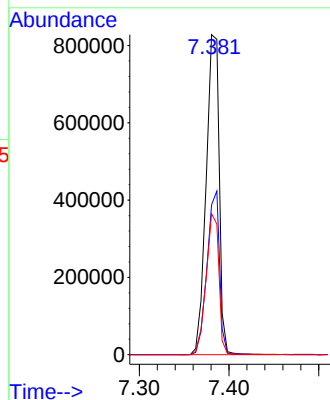
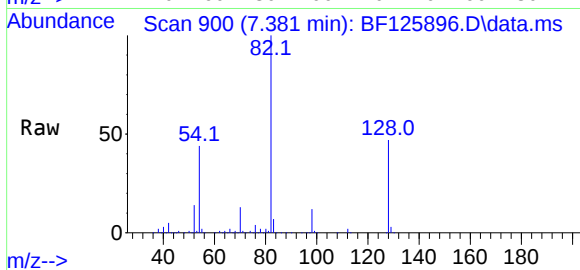
Tgt Ion: 82 Resp: 841726

Ion Ratio Lower Upper

82 100

128 46.8 40.6 60.8

54 44.1 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: BF125896.D

Acq: 19 Oct 2021 13:08

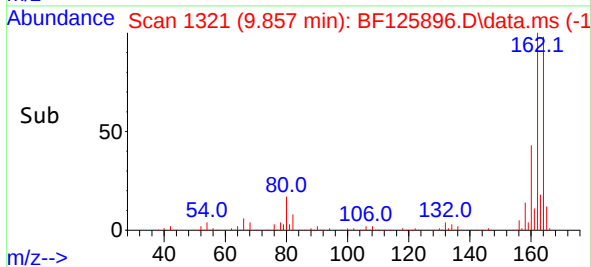
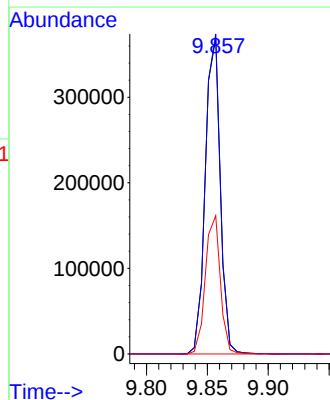
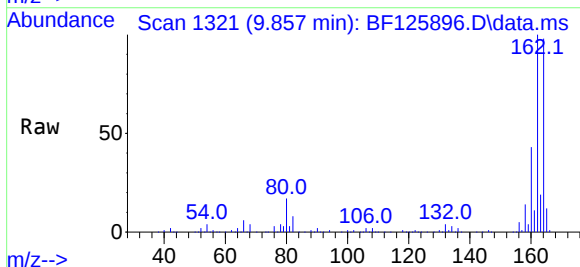
Tgt Ion:164 Resp: 316914

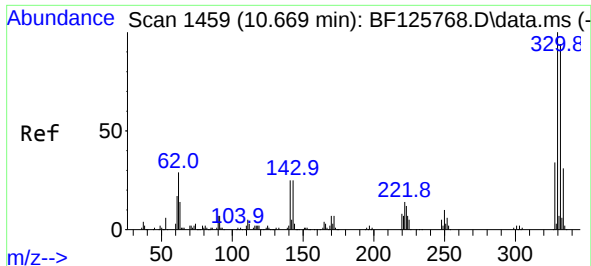
Ion Ratio Lower Upper

164 100

162 101.5 81.3 121.9

160 43.8 38.0 57.0

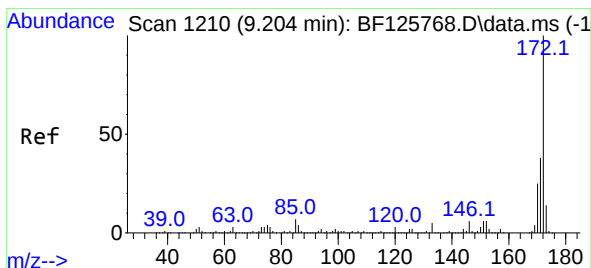
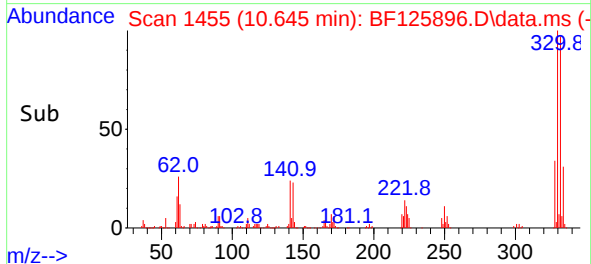
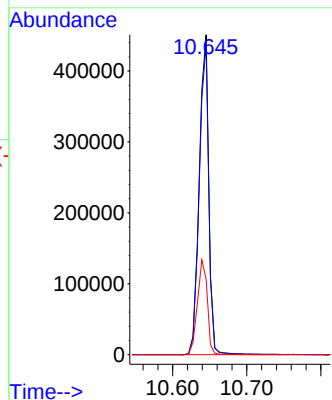
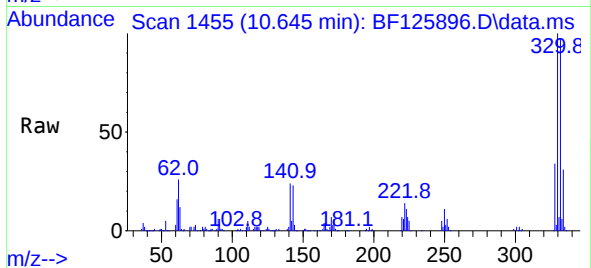




#42
2,4,6-Tribromophenol
Concen: 129.19 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF125896.D
Acq: 19 Oct 2021 13:08

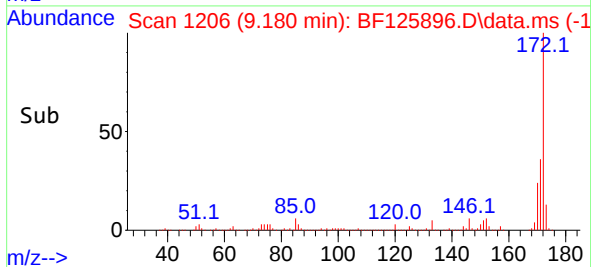
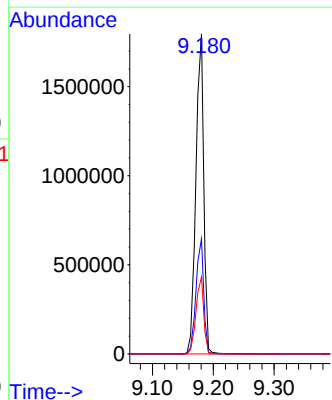
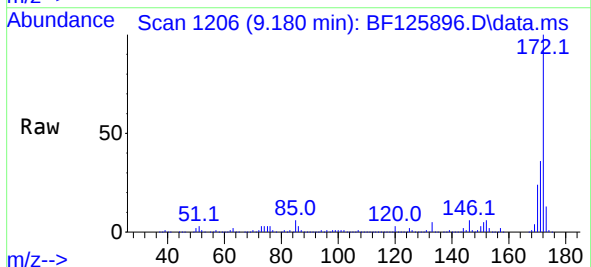
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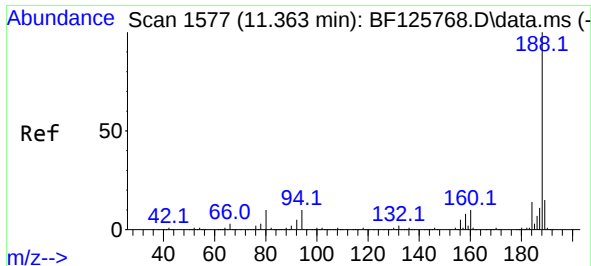
Tgt Ion:330 Resp: 404220
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 30.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 87.65 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF125896.D
Acq: 19 Oct 2021 13:08

Tgt Ion:172 Resp: 1610399
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 24.0 18.8 28.2

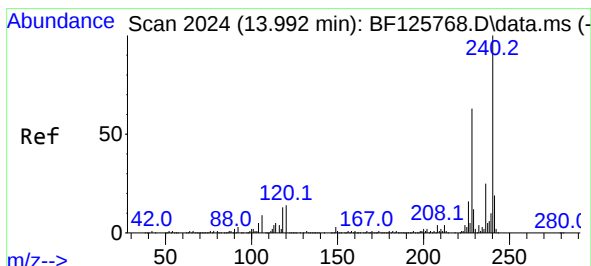
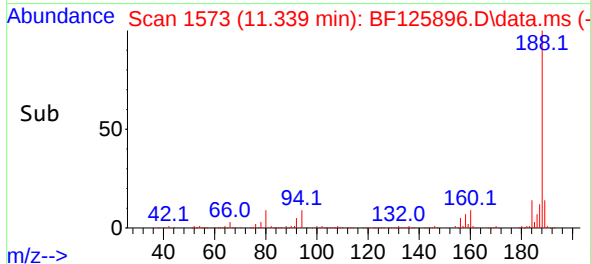
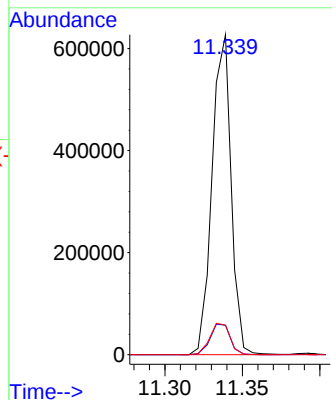
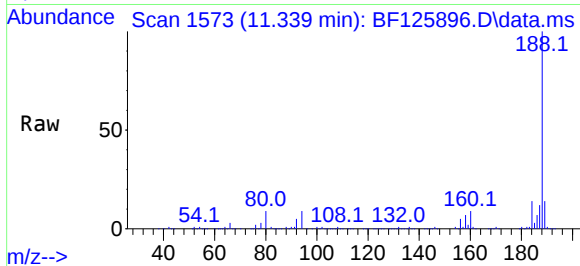




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF125896.D
Acq: 19 Oct 2021 13:08

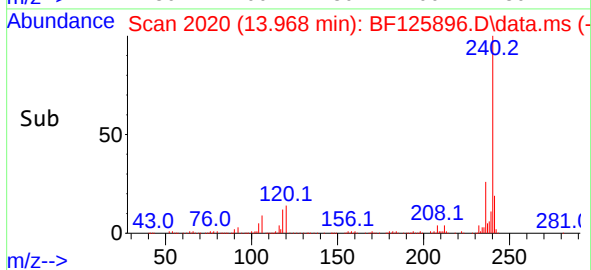
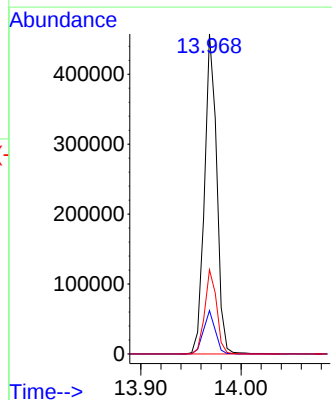
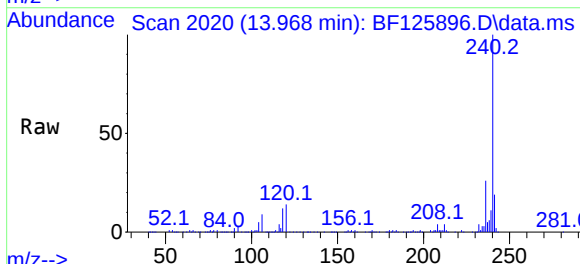
Instrument :
BNA_F
ClientSampleId :
TP2-(S)

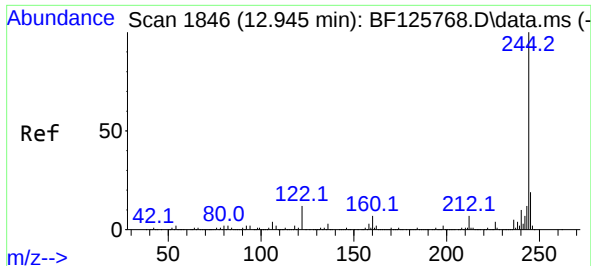
Tgt Ion:188 Resp: 535836
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 9.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125896.D
Acq: 19 Oct 2021 13:08

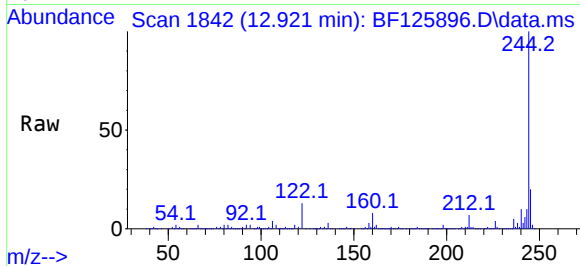
Tgt Ion:240 Resp: 389698
Ion Ratio Lower Upper
240 100
120 13.5 10.8 16.2
236 26.3 21.6 32.4



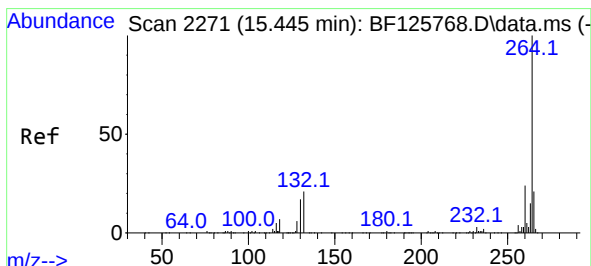
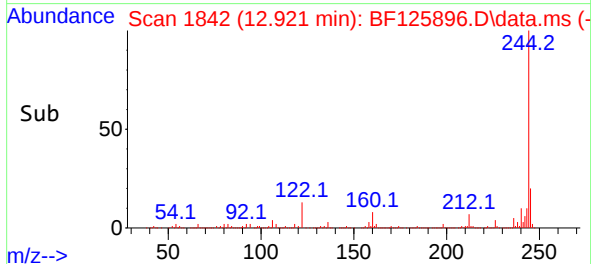
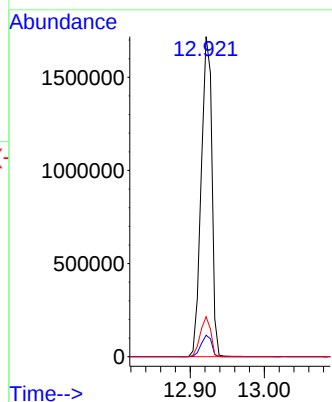


#79
Terphenyl-d14
Concen: 67.07 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF125896.D
Acq: 19 Oct 2021 13:08

Instrument :
BNA_F
ClientSampled :
TP2-(S)



Tgt Ion:244 Resp: 1715913
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 12.5 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: BF125896.D
Acq: 19 Oct 2021 13:08

Tgt Ion:264 Resp: 297604
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 21.0 17.2 25.8

