

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101221\
 Data File : BF125805.D
 Acq On : 12 Oct 2021 16:55
 Operator : JU/CG
 Sample : M4117-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(9.5-10.0)

Quant Time: Oct 13 09:44:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 17:16:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	204631	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	774688	20.00	ng	# 0.00
39) Acenaphthene-d10	9.875	164	370176	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	616508	20.00	ng	# 0.00
76) Chrysene-d12	13.992	240	522597	20.00	ng	0.00
86) Perylene-d12	15.445	264	421984	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	978821	78.14	ng	0.00
7) Phenol-d6	6.463	99	1162846	72.11	ng	-0.01
23) Nitrobenzene-d5	7.398	82	705302	56.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	251317	68.76	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1315128	61.28	ng	0.00
79) Terphenyl-d14	12.939	244	1400638	40.83	ng	0.00

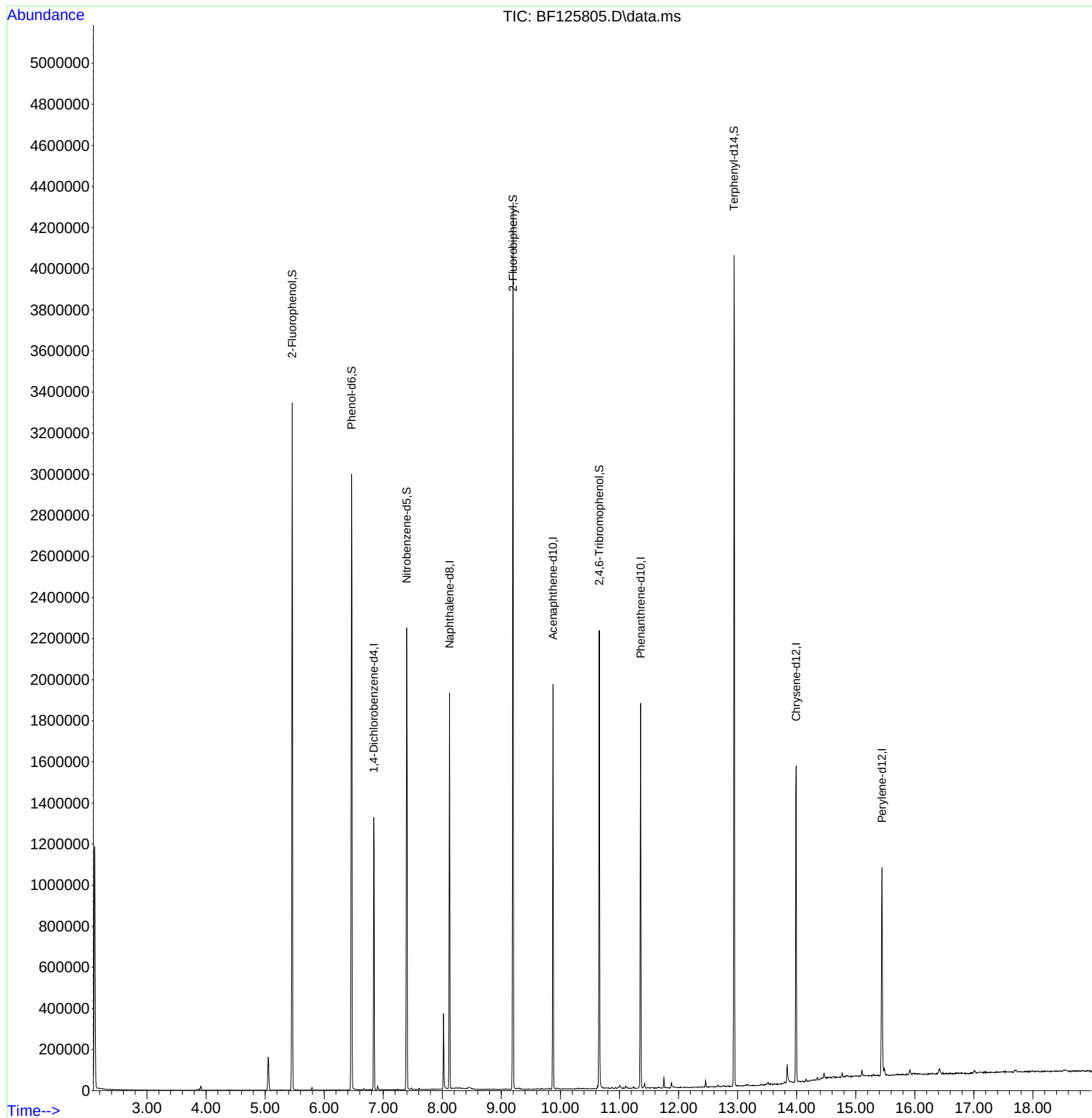
Target Compounds	Qvalue

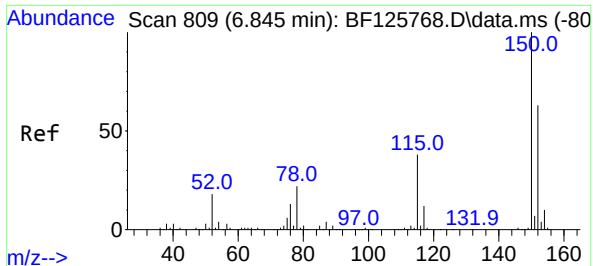
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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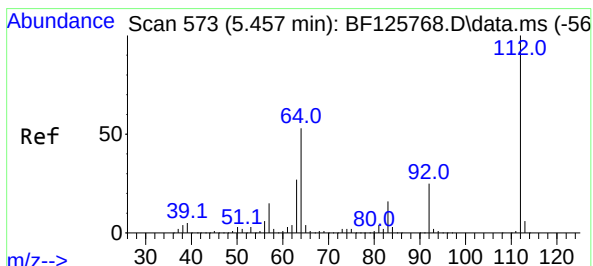
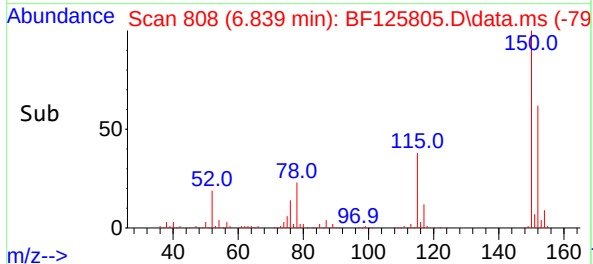
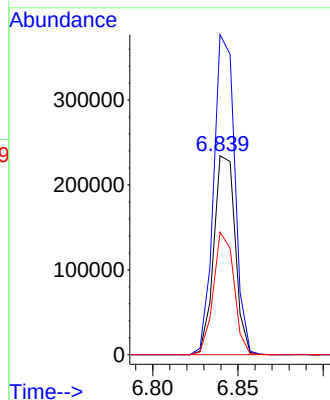
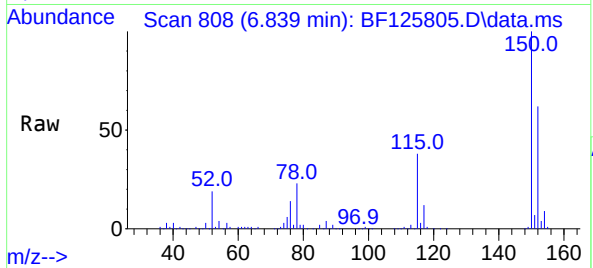




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

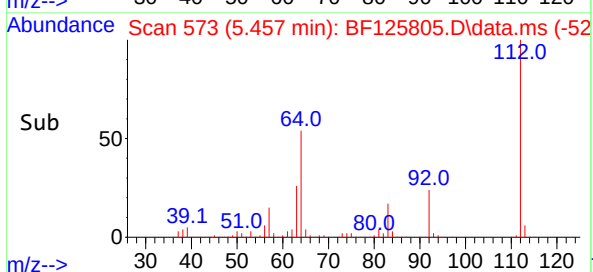
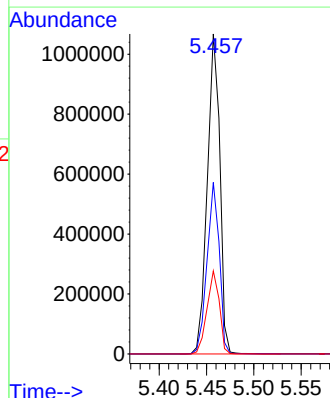
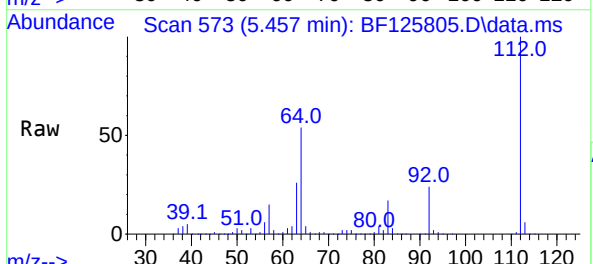
Instrument :
BNA_F
ClientSampleId :
SB-5(9.5-10.0)

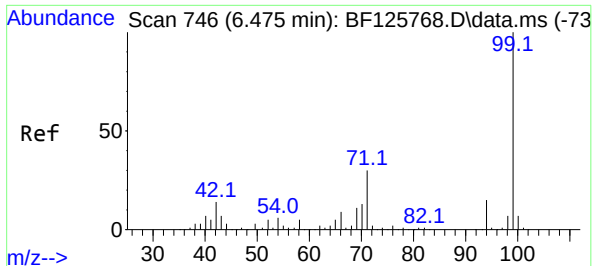
Tgt Ion:152 Resp: 204631
Ion Ratio Lower Upper
152 100
150 160.9 117.6 176.4
115 61.6 47.1 70.7



#5
2-Fluorophenol
Concen: 78.14 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

Tgt Ion:112 Resp: 978821
Ion Ratio Lower Upper
112 100
64 53.6 44.2 66.2
63 25.9 26.2 39.2#

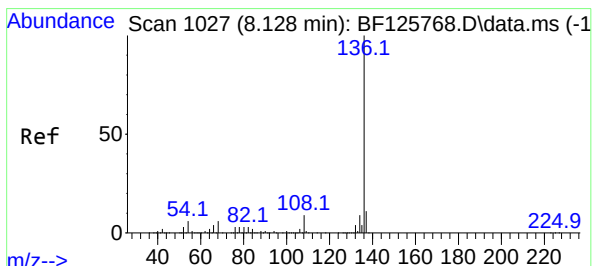
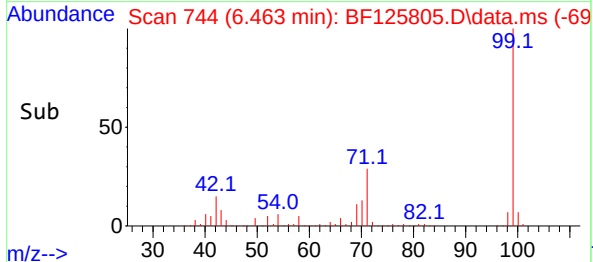
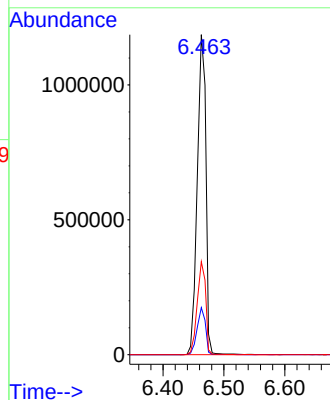
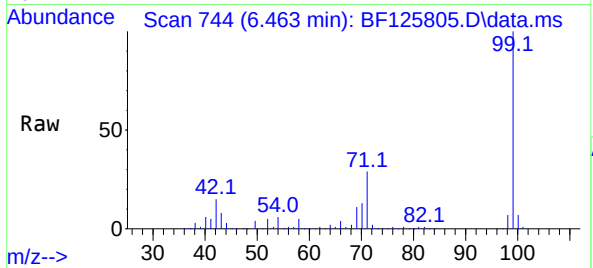




#7
Phenol-d6
Concen: 72.11 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

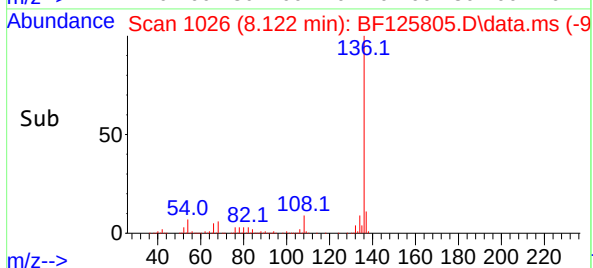
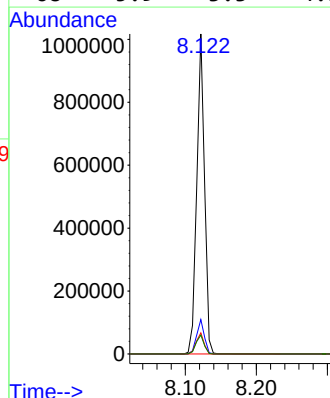
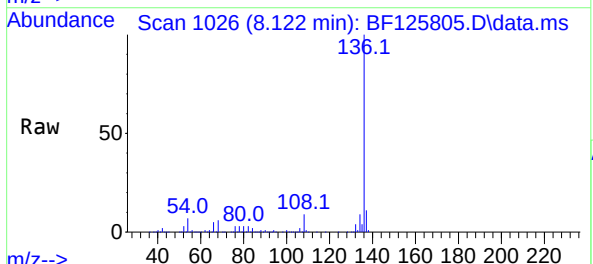
Instrument :
BNA_F
ClientSampleId :
SB-5(9.5-10.0)

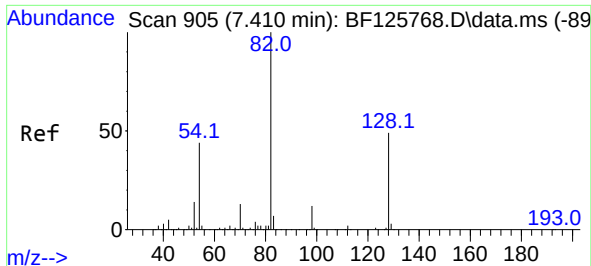
Tgt Ion: 99 Resp: 1162846
Ion Ratio Lower Upper
99 100
42 14.7 23.5 35.3#
71 29.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

Tgt Ion: 136 Resp: 774688
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 6.6 6.4 9.6
68 5.9 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 56.59 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF125805.D

Acq: 12 Oct 2021 16:55

Tgt Ion: 82 Resp: 705302

Ion Ratio Lower Upper

82 100

128 47.3 40.6 60.8

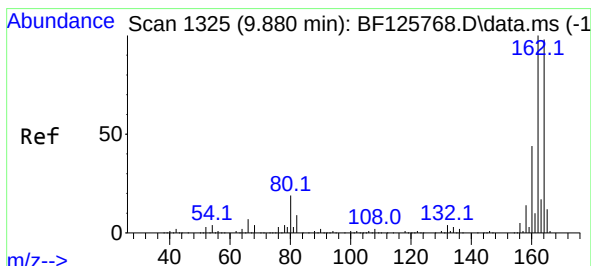
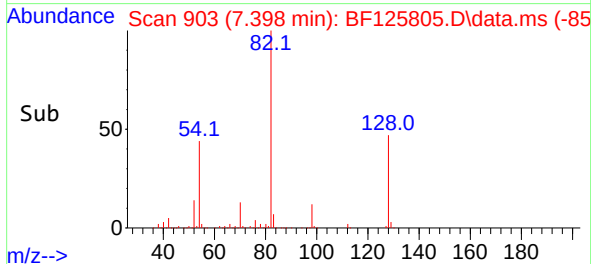
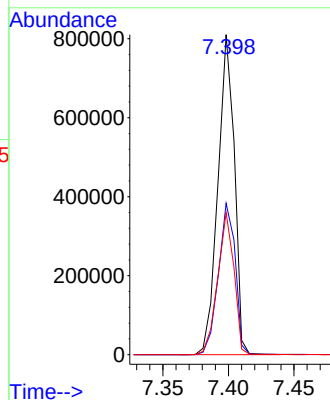
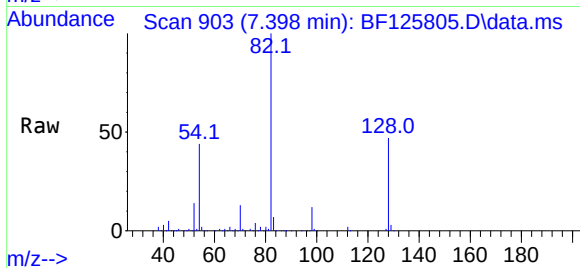
54 44.4 49.6 74.4#

Instrument :

BNA_F

ClientSampled :

SB-5(9.5-10.0)



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF125805.D

Acq: 12 Oct 2021 16:55

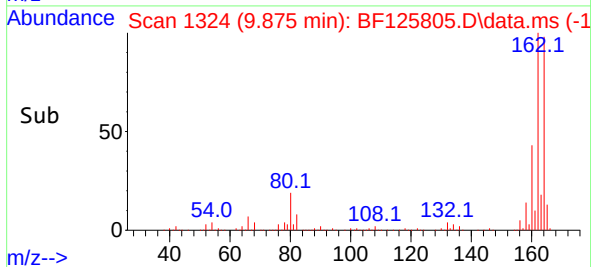
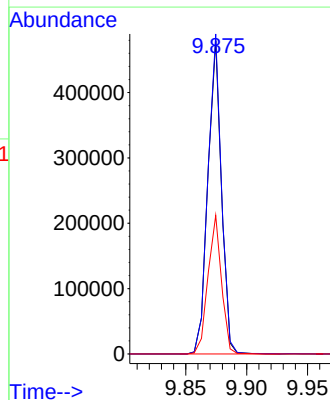
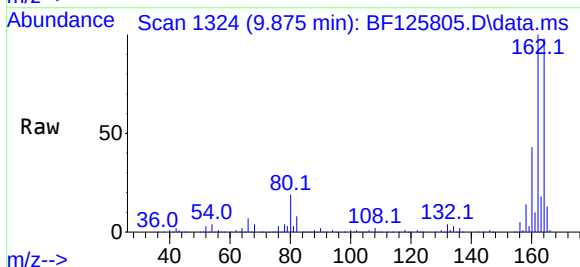
Tgt Ion:164 Resp: 370176

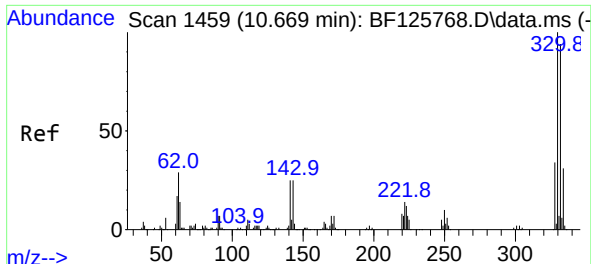
Ion Ratio Lower Upper

164 100

162 102.2 81.3 121.9

160 44.3 38.0 57.0

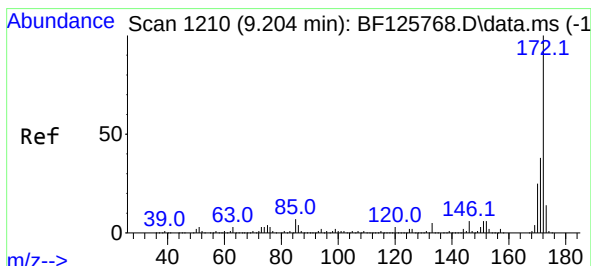
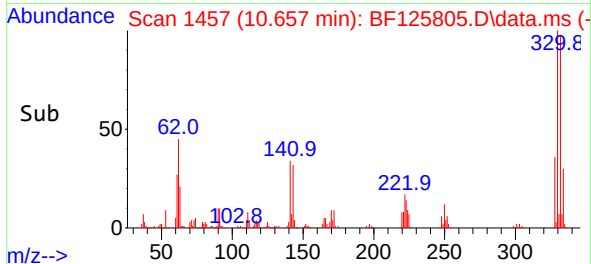
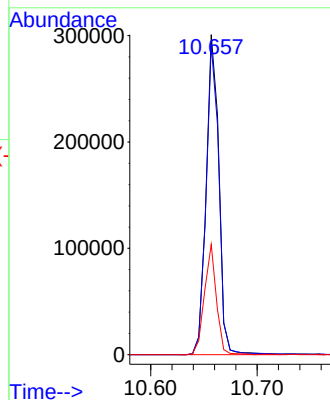
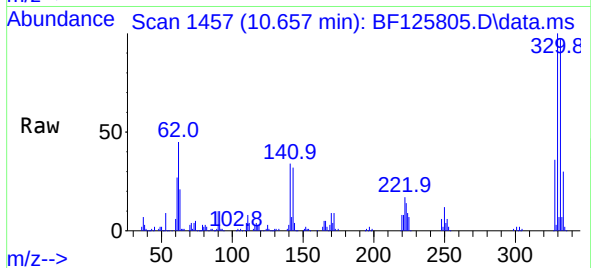




#42
2,4,6-Tribromophenol
Concen: 68.76 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

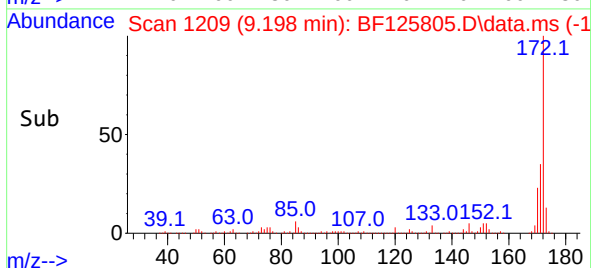
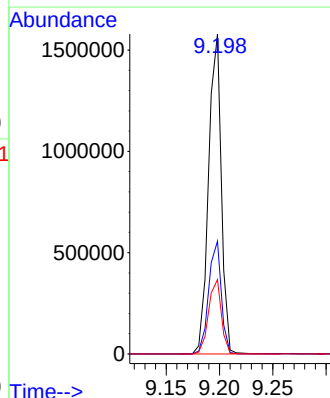
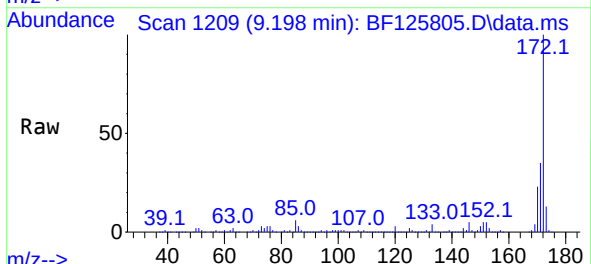
Instrument :
BNA_F
ClientSampleId :
SB-5(9.5-10.0)

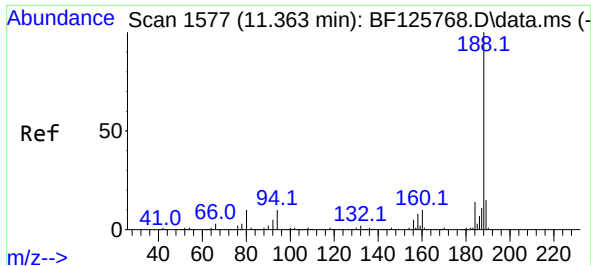
Tgt Ion: 330 Resp: 251317
Ion Ratio Lower Upper
330 100
332 97.6 76.2 114.4
141 32.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 61.28 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

Tgt Ion: 172 Resp: 1315128
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 23.3 18.8 28.2

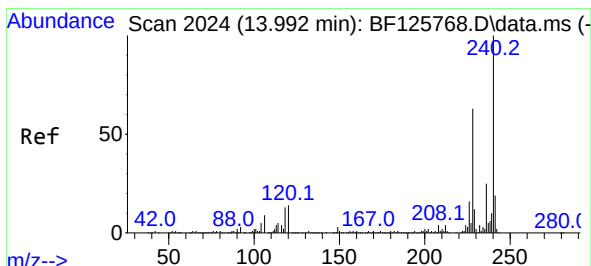
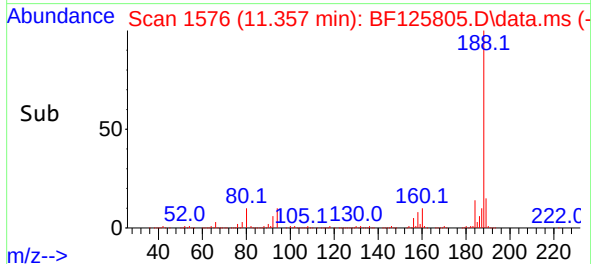
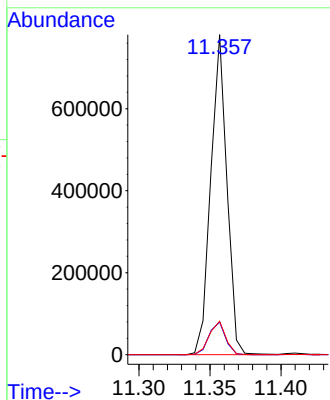
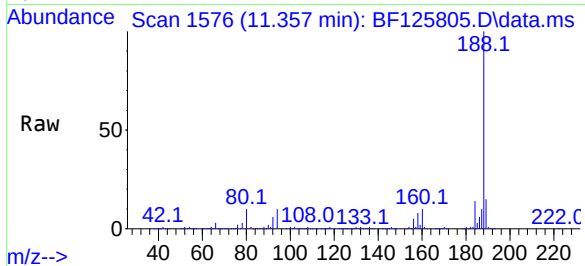




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

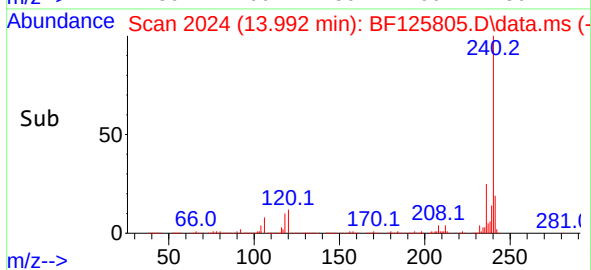
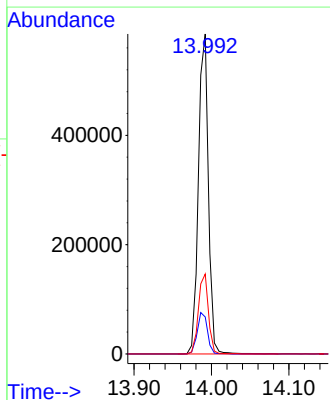
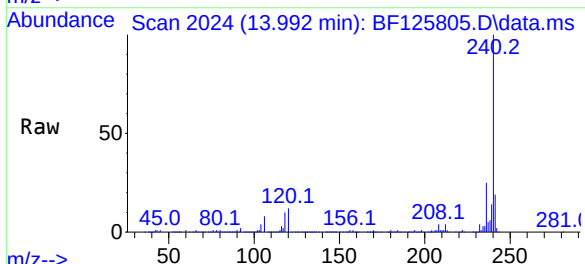
Instrument :
BNA_F
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SB-5(9.5-10.0)

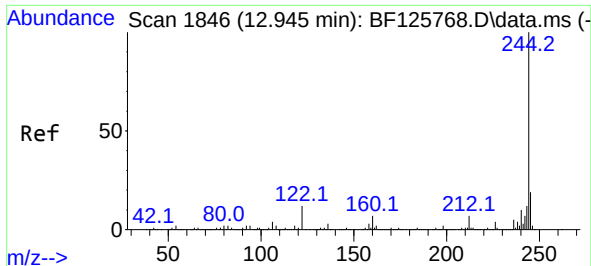
Tgt Ion:188 Resp: 616508
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 10.5 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

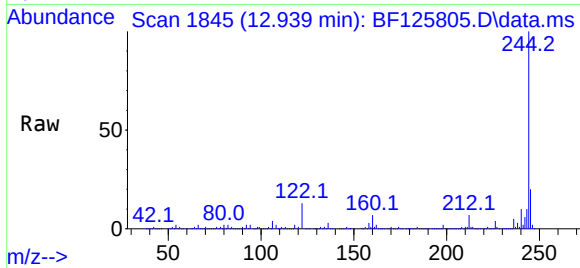
Tgt Ion:240 Resp: 522597
Ion Ratio Lower Upper
240 100
120 11.6 10.8 16.2
236 25.0 21.6 32.4



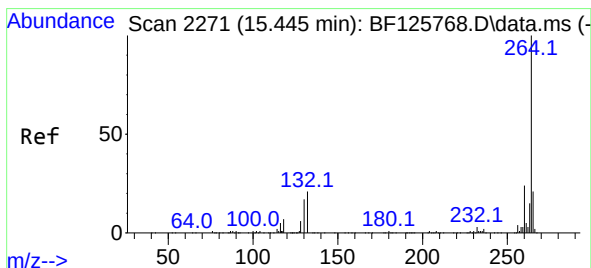
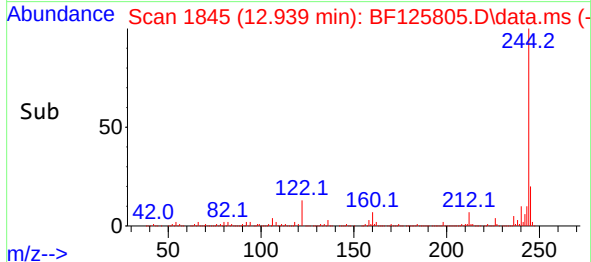
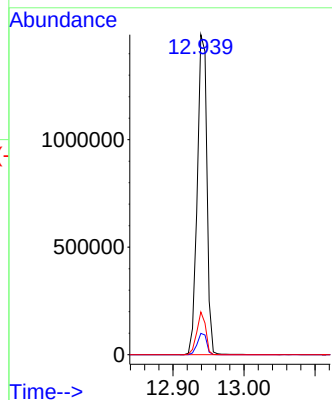


#79
Terphenyl-d14
Concen: 40.83 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

Instrument :
BNA_F
ClientSampleId :
SB-5(9.5-10.0)



Tgt Ion:244 Resp: 1400638
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 13.3 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF125805.D
Acq: 12 Oct 2021 16:55

Tgt Ion:264 Resp: 421984
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 22.0 17.2 25.8

