

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
 Data File : BF125959.D
 Acq On : 27 Oct 2021 12:36
 Operator : JU/CG
 Sample : PB140270BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB140270BL

Quant Time: Oct 27 13:12:39 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	6.857	152	218386	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	906501	20.000	ng	#-0.02
39) Acenaphthene-d10	9.892	164	524458	20.000	ng	-0.02
64) Phenanthrene-d10	11.380	188	955345	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	666821	20.000	ng	#-0.02
86) Perylene-d12	15.480	264	461888	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.486	112	1752776	119.550	ng	0.00
7) Phenol-d6	6.486	99	2237640	111.273	ng	0.00
23) Nitrobenzene-d5	7.422	82	1437133	81.890	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	570703	124.828	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2395407	80.771	ng	-0.01
79) Terphenyl-d14	12.974	244	2690614	66.001	ng	0.00

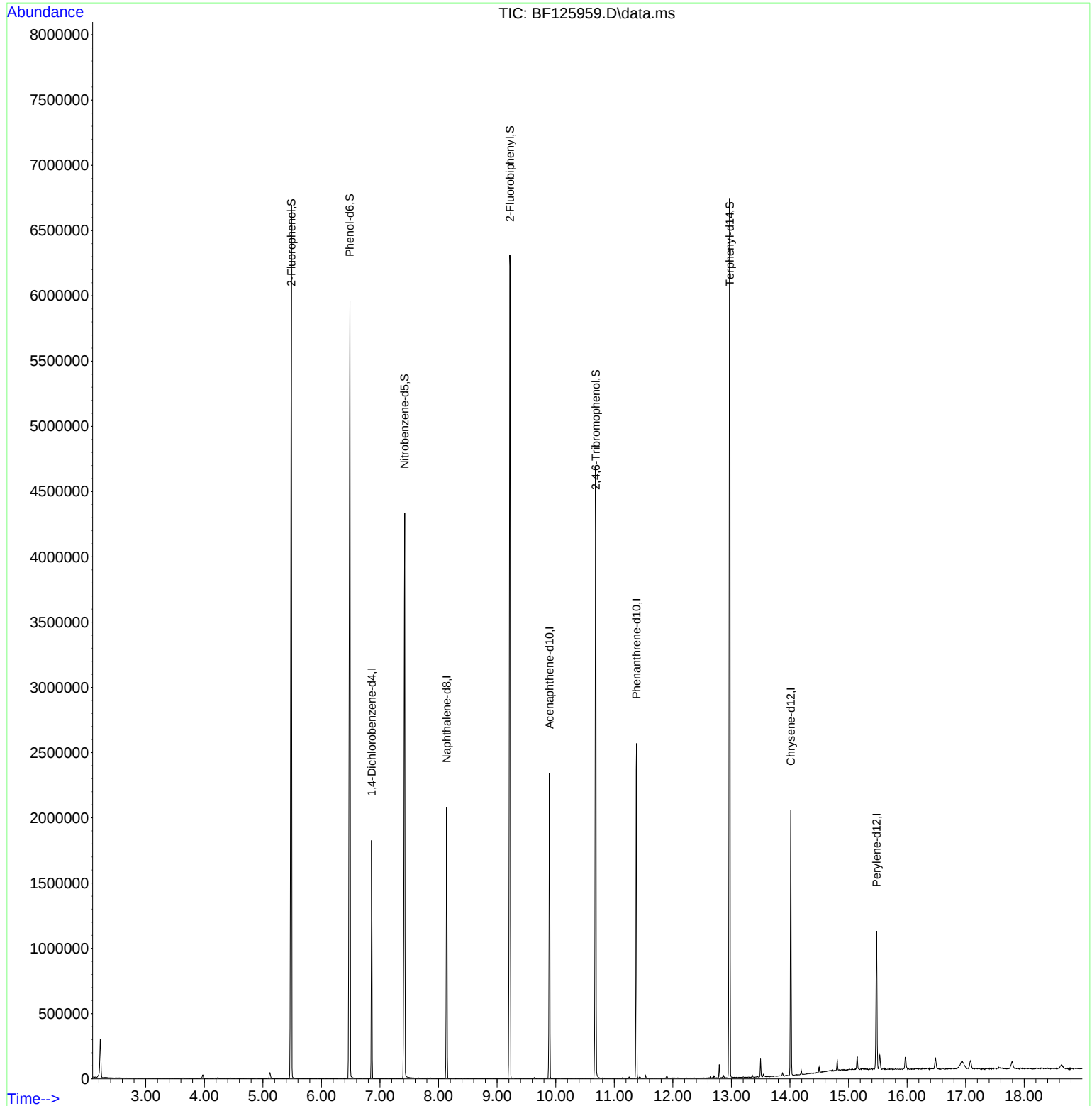
Target Compounds	Qvalue

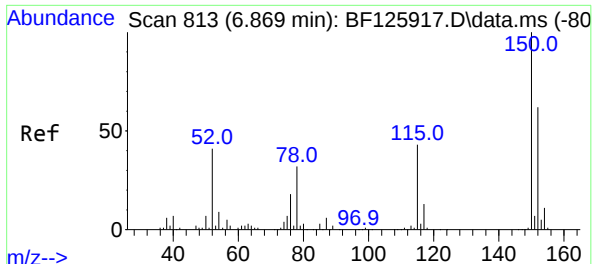
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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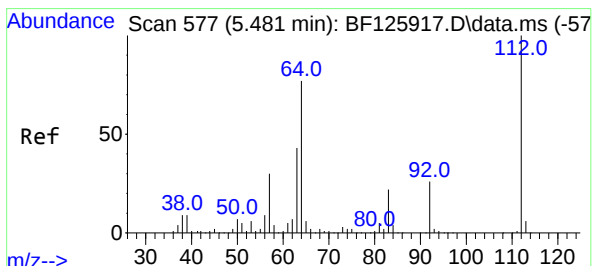
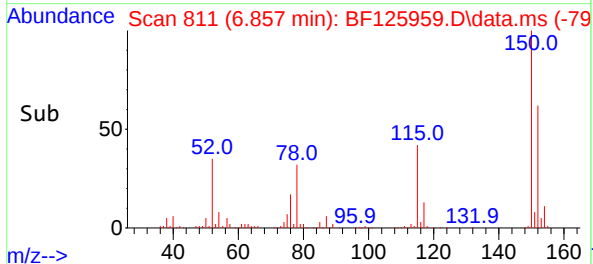
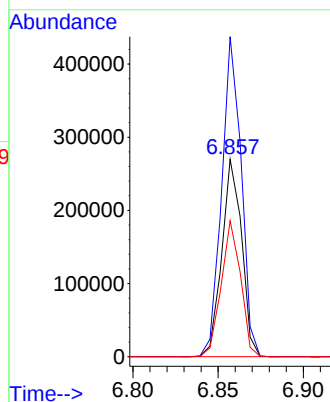
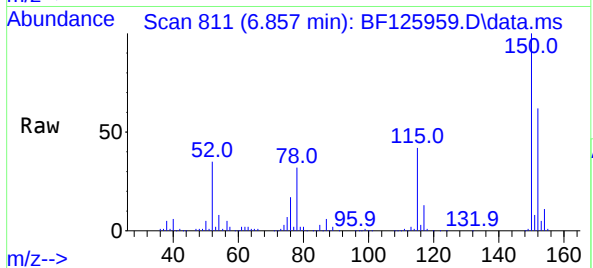




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

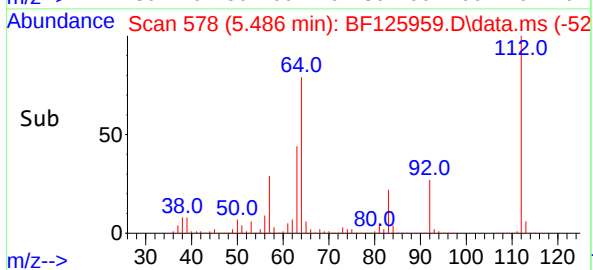
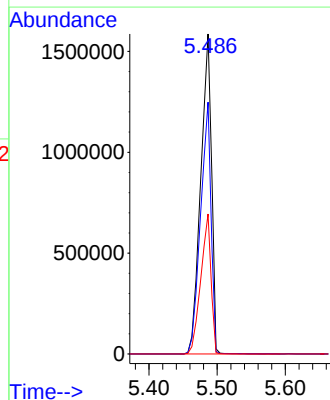
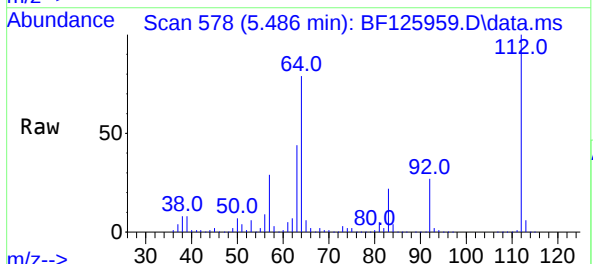
Instrument :
BNA_F
ClientSampleId :
PB140270BL

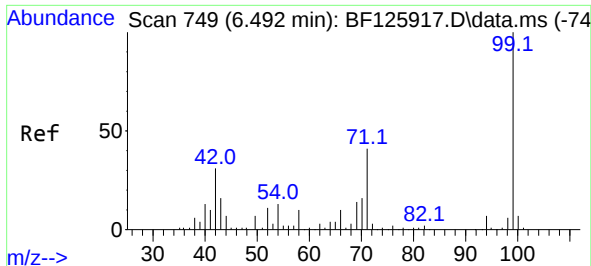
Tgt Ion:152 Resp: 218386
Ion Ratio Lower Upper
152 100
150 162.2 117.6 176.4
115 68.9 47.1 70.7



#5
2-Fluorophenol
Concen: 119.550 ng
RT: 5.486 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

Tgt Ion:112 Resp: 1752776
Ion Ratio Lower Upper
112 100
64 78.7 44.2 66.2#
63 43.7 26.2 39.2#

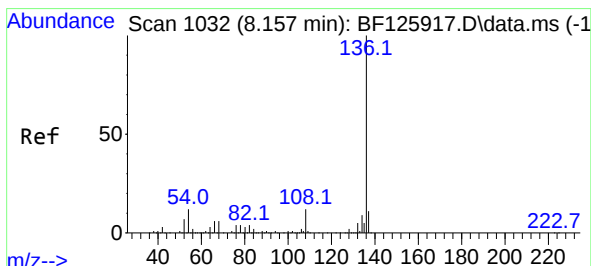
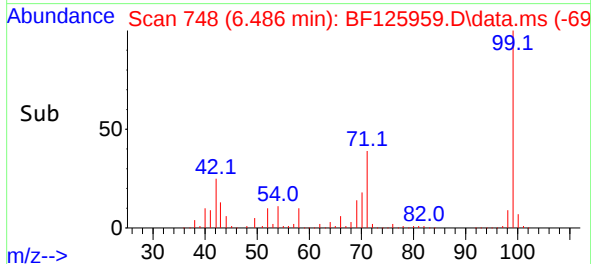
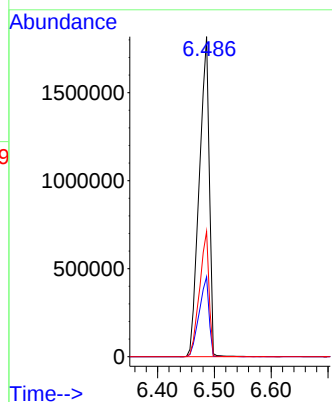
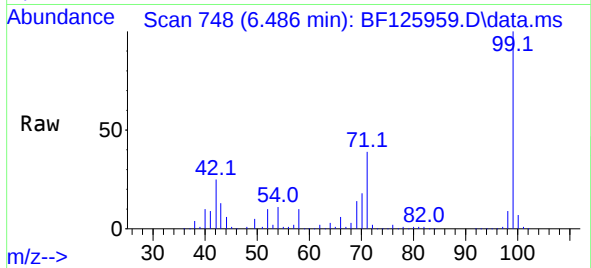




#7
Phenol-d6
Concen: 111.273 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

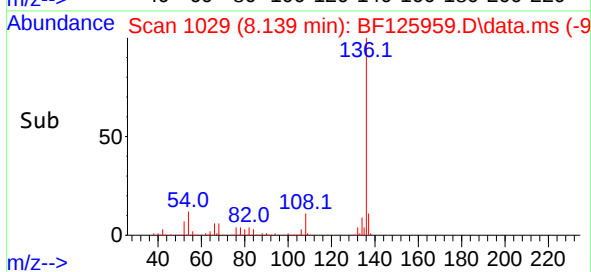
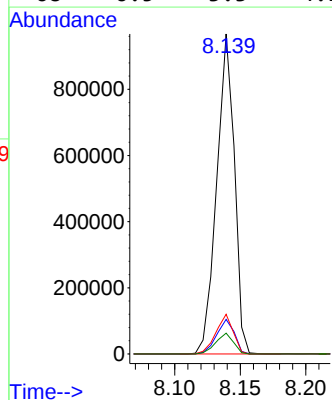
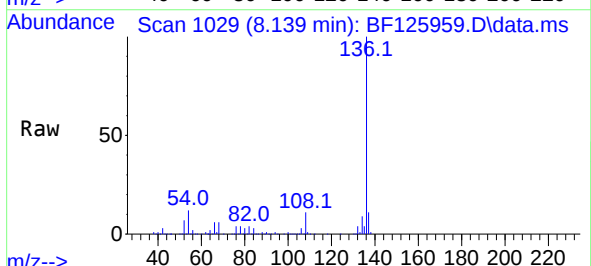
Instrument :
BNA_F
ClientSampleId :
PB140270BL

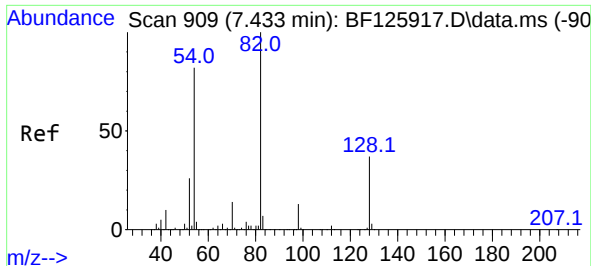
Tgt Ion: 99 Resp: 2237640
Ion Ratio Lower Upper
99 100
42 24.9 23.5 35.3
71 39.2 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

Tgt Ion:136 Resp: 906501
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 12.4 6.4 9.6#
68 6.5 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 81.890 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF125959.D

Acq: 27 Oct 2021 12:36

Instrument :

BNA_F

ClientSampleId :

PB140270BL

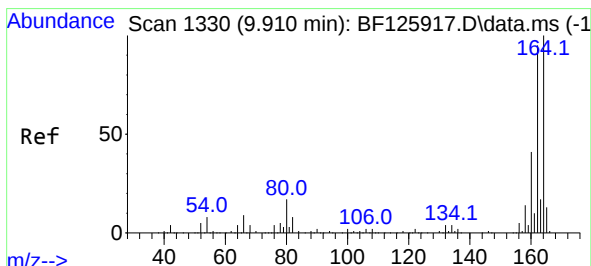
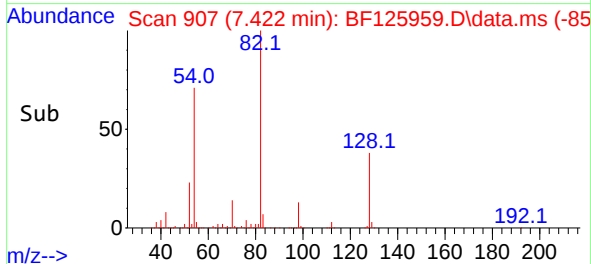
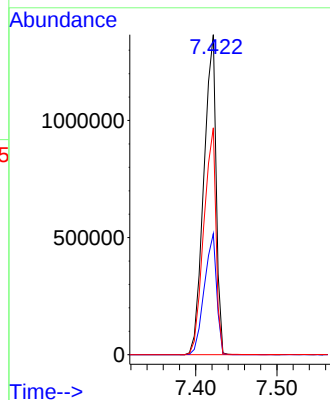
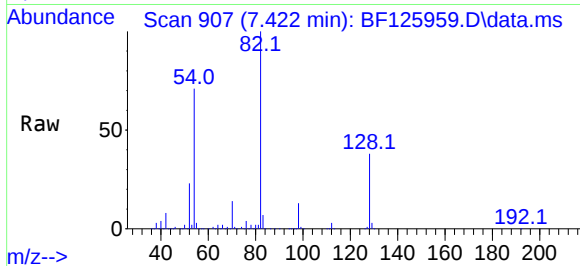
Tgt Ion: 82 Resp: 1437133

Ion Ratio Lower Upper

82 100

128 37.8 40.6 60.8#

54 70.9 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.018 min

Lab File: BF125959.D

Acq: 27 Oct 2021 12:36

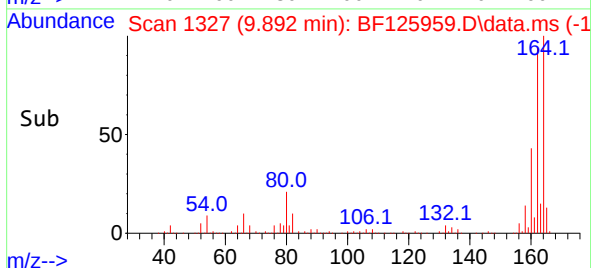
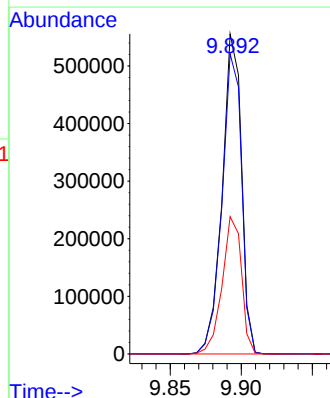
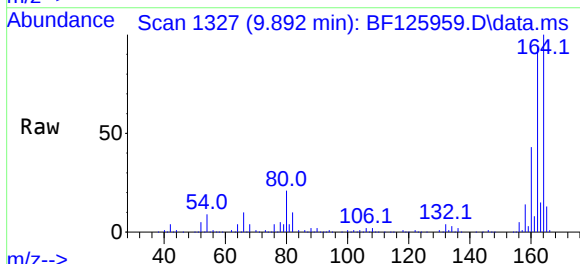
Tgt Ion:164 Resp: 524458

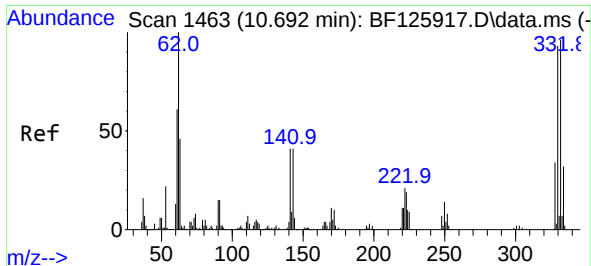
Ion Ratio Lower Upper

164 100

162 93.7 81.3 121.9

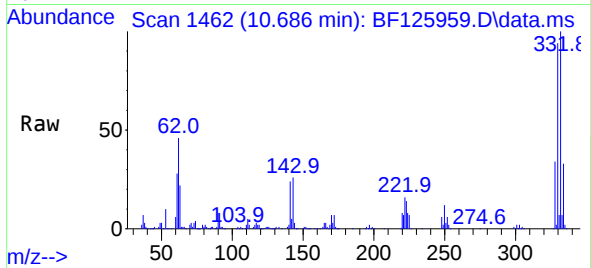
160 42.9 38.0 57.0



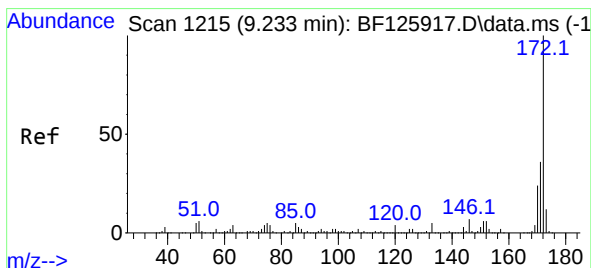
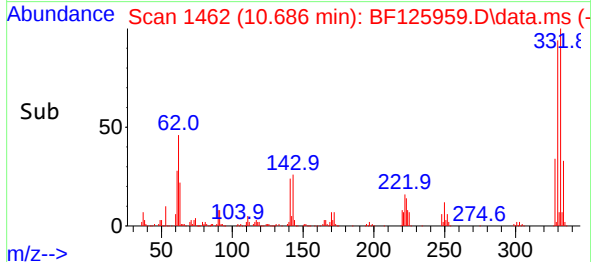
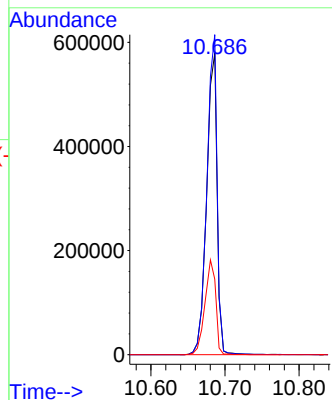


#42
2,4,6-Tribromophenol
Concen: 124.828 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

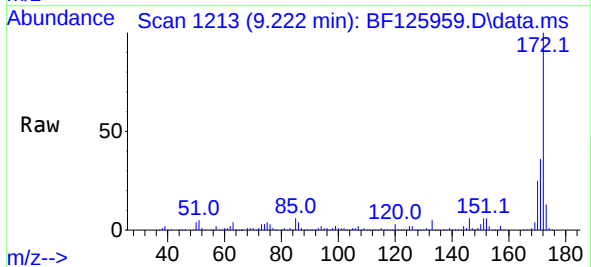
Instrument :
BNA_F
ClientSampleId :
PB140270BL



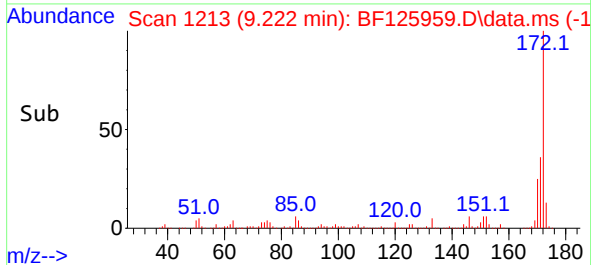
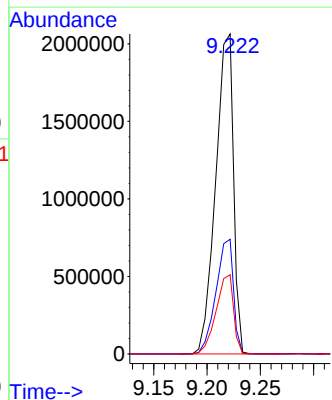
Tgt Ion:330 Resp: 570703
Ion Ratio Lower Upper
330 100
332 103.8 76.2 114.4
141 32.5 44.6 66.8#

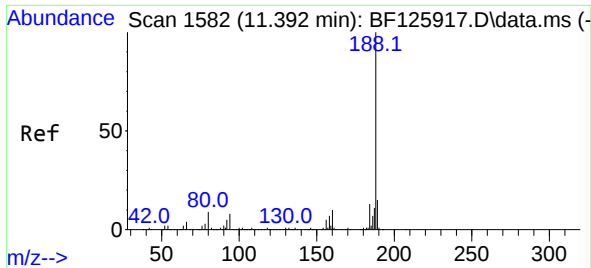


#45
2-Fluorobiphenyl
Concen: 80.771 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36



Tgt Ion:172 Resp: 2395407
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.8 18.8 28.2

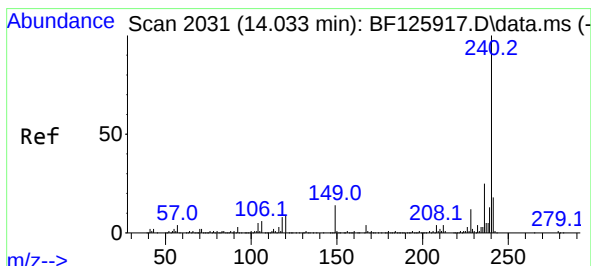
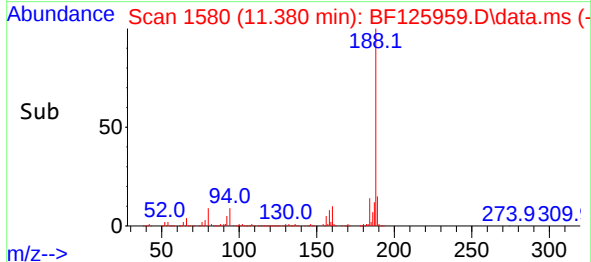
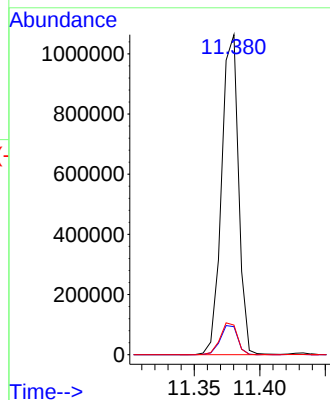
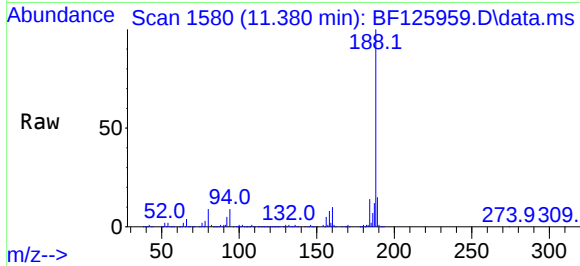




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

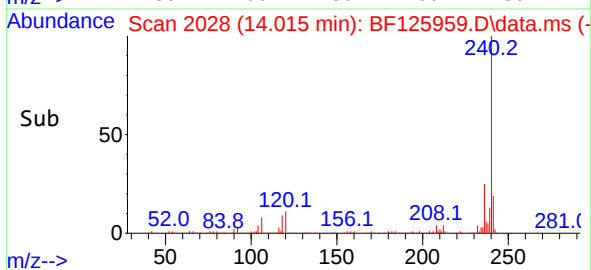
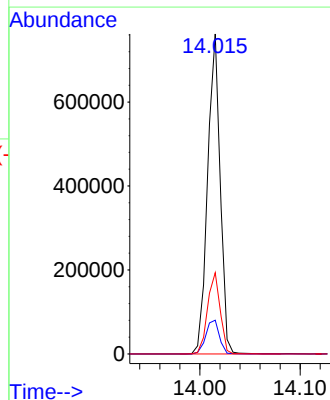
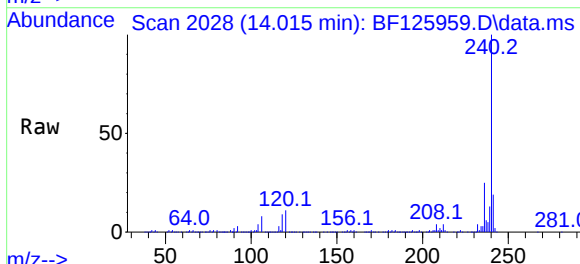
Instrument :
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ClientSampleId :
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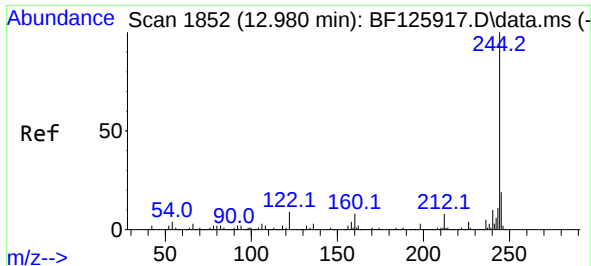
Tgt	Ion:188	Resp:	955345
Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	9.3	7.5	11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.018 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

Tgt	Ion:240	Resp:	666821
Ion	Ratio	Lower	Upper
240	100		
120	10.6	10.8	16.2#
236	25.4	21.6	32.4

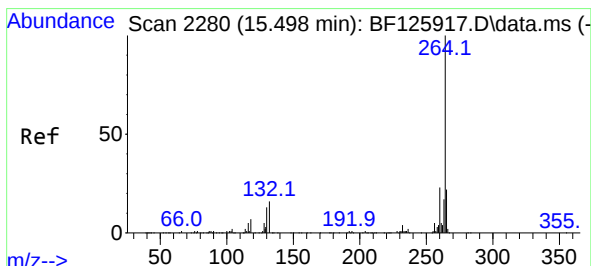
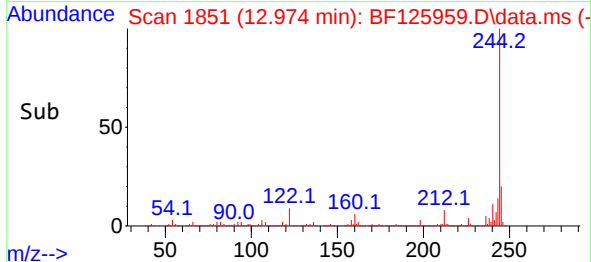
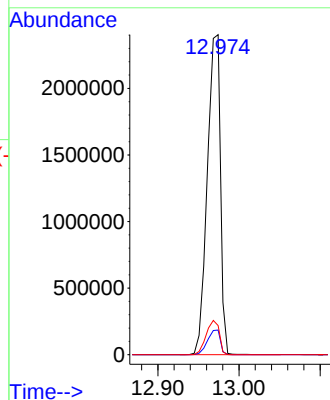
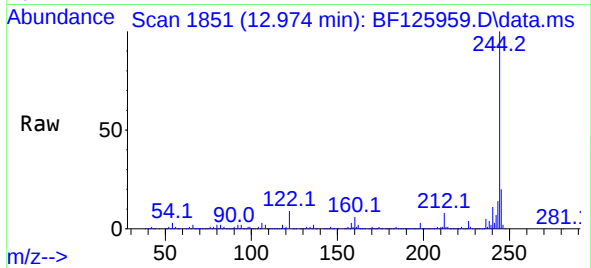




#79
Terphenyl-d14
Concen: 66.001 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

Instrument :
BNA_F
ClientSampleId :
PB140270BL

Tgt Ion:244 Resp: 2690614
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 9.1 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.018 min
Lab File: BF125959.D
Acq: 27 Oct 2021 12:36

Tgt Ion:264 Resp: 461888
Ion Ratio Lower Upper
264 100
260 23.2 19.6 29.4
265 21.3 17.2 25.8

