

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
 Data File : BF125966.D
 Acq On : 27 Oct 2021 16:35
 Operator : JU/CG
 Sample : M4372-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

Quant Time: Oct 28 08:58:48 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)

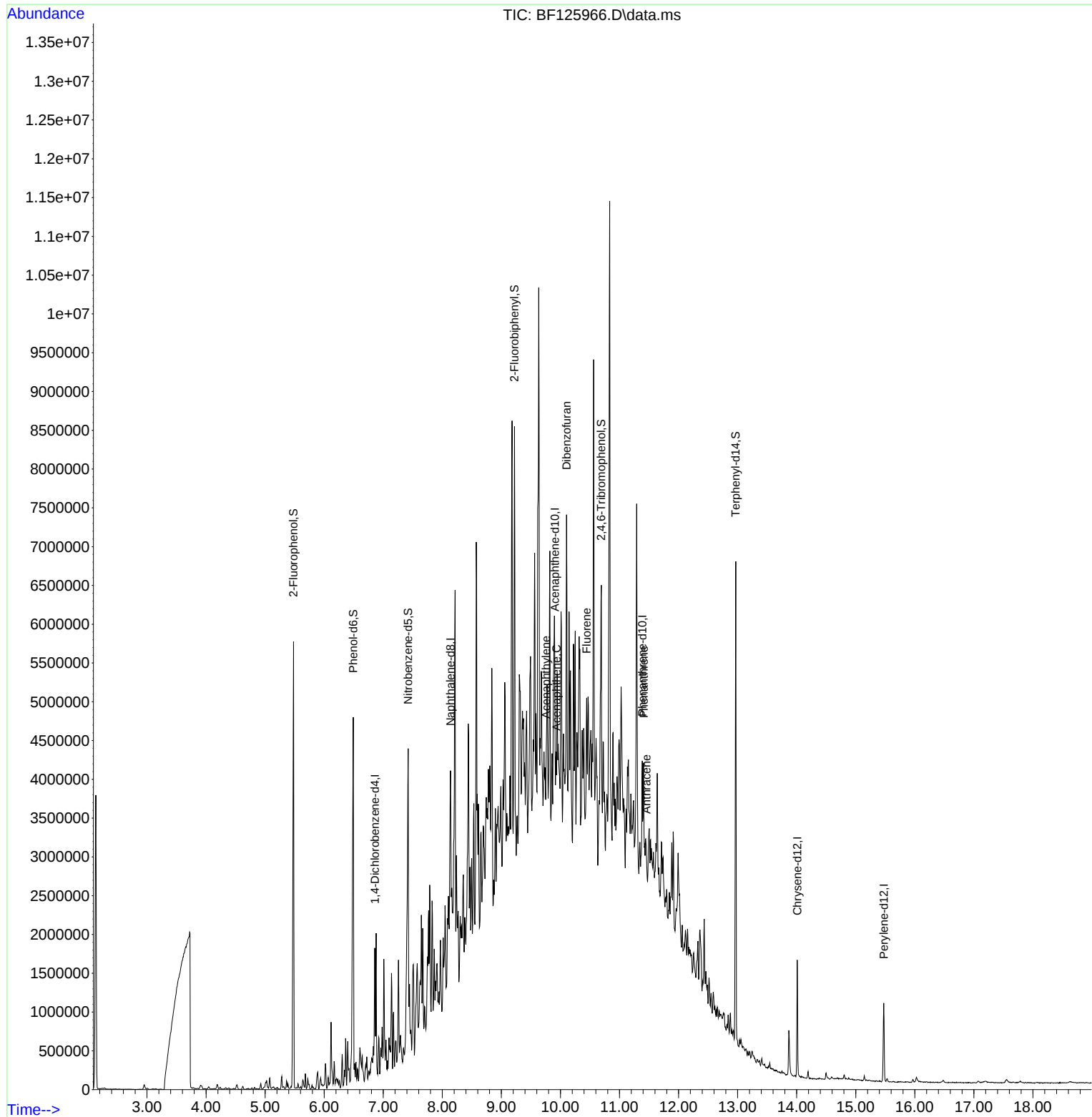
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	167575	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	593677	20.000	ng	#-0.02
39) Acenaphthene-d10	9.904	164	300918	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	608995	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	484339	20.000	ng	-0.02
86) Perylene-d12	15.474	264	438916	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1475533	131.156	ng	0.00
7) Phenol-d6	6.492	99	1932711	125.252	ng	0.00
23) Nitrobenzene-d5	7.422	82	1234135	107.377	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	390155	148.731	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1780694	104.647	ng	-0.01
79) Terphenyl-d14	12.968	244	2167956	73.217	ng	-0.01
Target Compounds						
						Qvalue
49) Acenaphthylene	9.757	152	51014	2.032	ng	# 1
52) Acenaphthene	9.933	154	57074	3.499	ng	# 68
55) Dibenzofuran	10.104	168	81624	3.350	ng	# 1
58) Fluorene	10.445	166	170899	7.363	ng	# 83
71) Phenanthrene	11.410	178	463620	14.672	ng	# 93
72) Anthracene	11.457	178	65604	2.079	ng	# 66

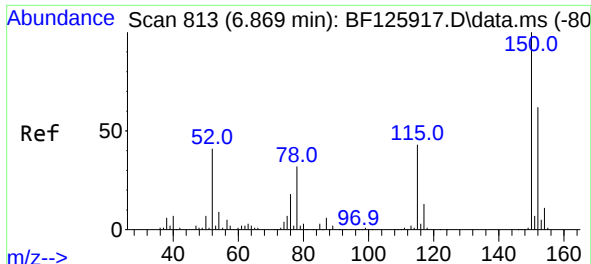
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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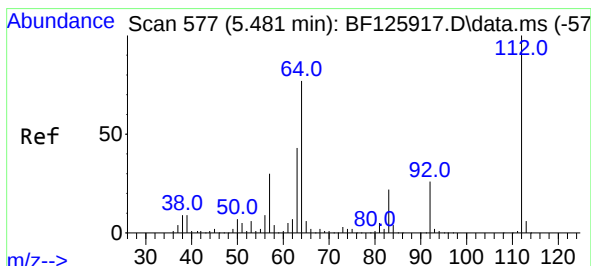
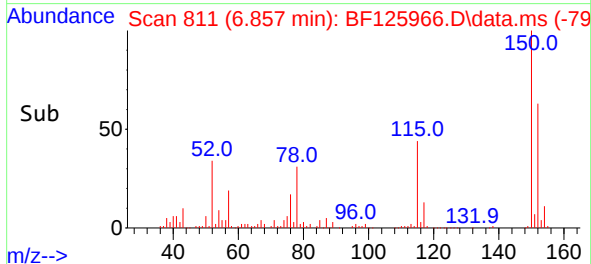
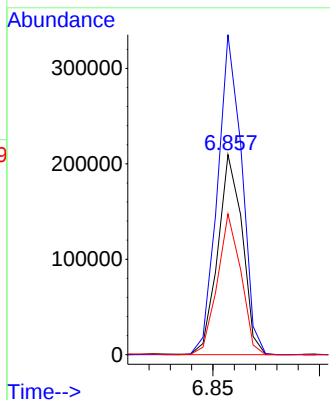
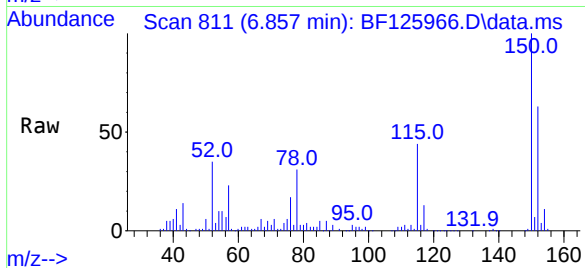




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF125966.D
Acq: 27 Oct 2021 16:35

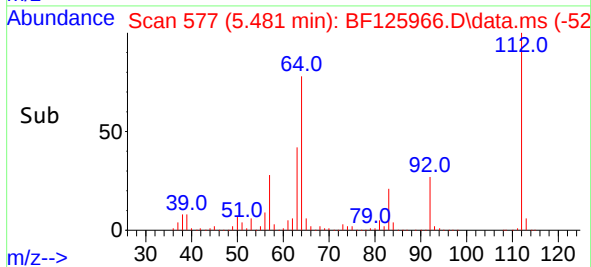
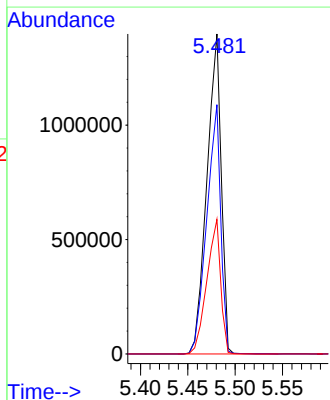
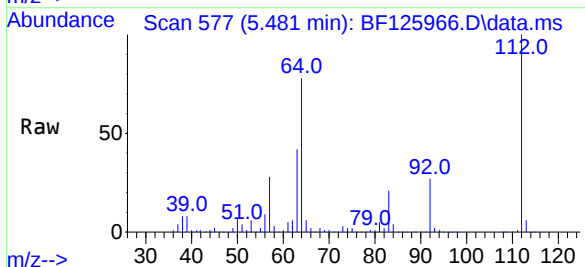
Instrument :
BNA_F
ClientSampleId :
SB-5

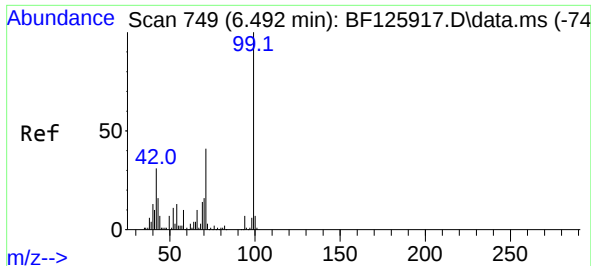
Tgt Ion:152 Resp: 167575
Ion Ratio Lower Upper
152 100
150 160.0 117.6 176.4
115 70.4 47.1 70.7



#5
2-Fluorophenol
Concen: 131.156 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF125966.D
Acq: 27 Oct 2021 16:35

Tgt Ion:112 Resp: 1475533
Ion Ratio Lower Upper
112 100
64 77.9 44.2 66.2#
63 42.0 26.2 39.2#

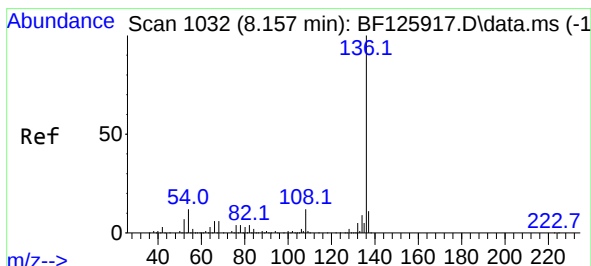
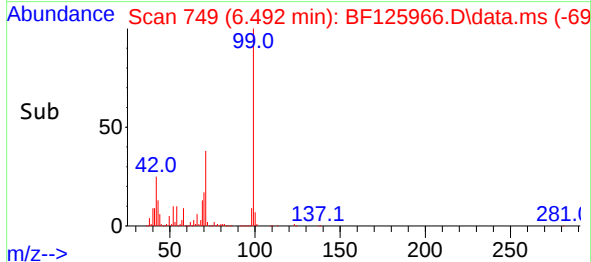
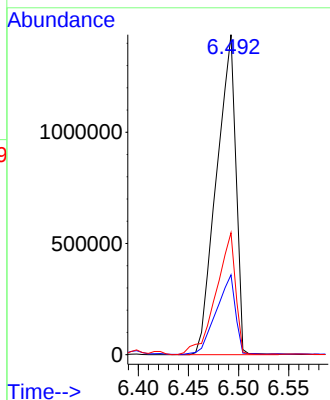
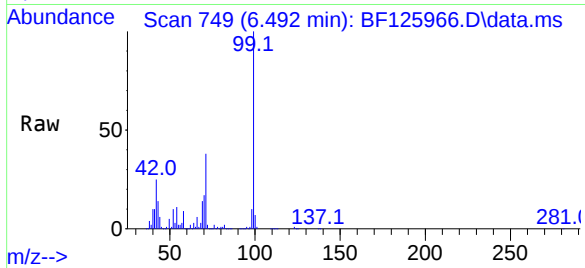




#7
Phenol-d6
Concen: 125.252 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF125966.D
Acq: 27 Oct 2021 16:35

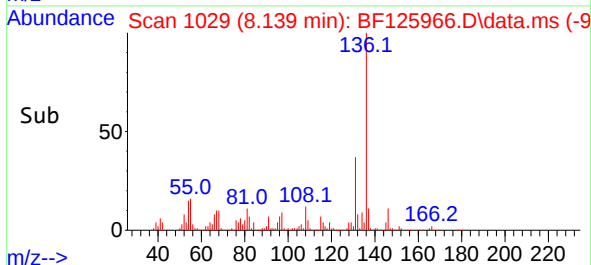
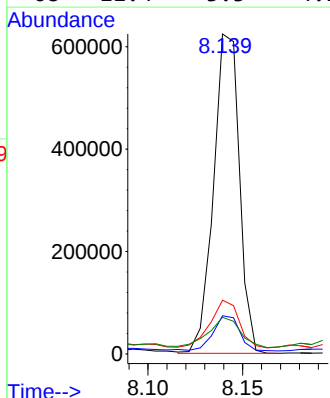
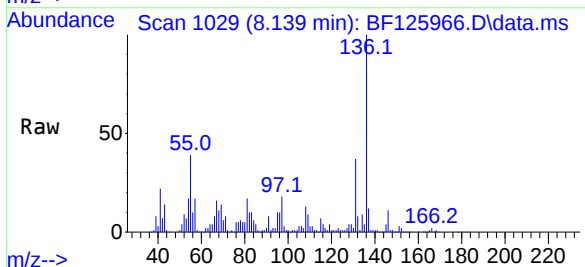
Instrument :
BNA_F
ClientSampled :
SB-5

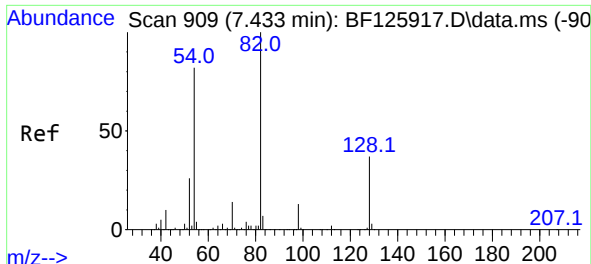
Tgt Ion: 99 Resp: 1932711
Ion Ratio Lower Upper
99 100
42 25.0 23.5 35.3
71 38.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF125966.D
Acq: 27 Oct 2021 16:35

Tgt Ion: 136 Resp: 593677
Ion Ratio Lower Upper
136 100
137 11.9 9.8 14.6
54 16.8 6.4 9.6#
68 11.4 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 107.377 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF125966.D

Acq: 27 Oct 2021 16:35

Instrument :

BNA_F

ClientSampleId :

SB-5

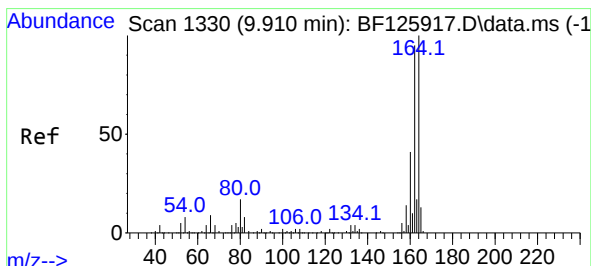
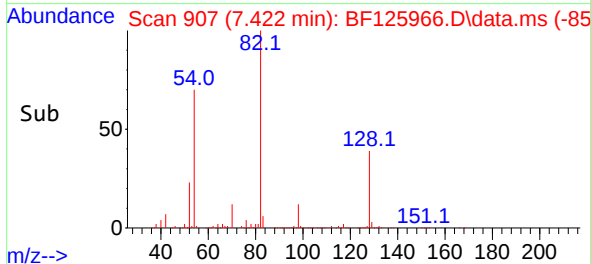
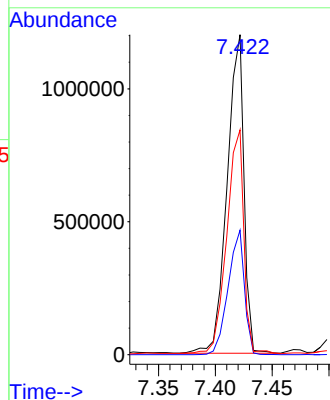
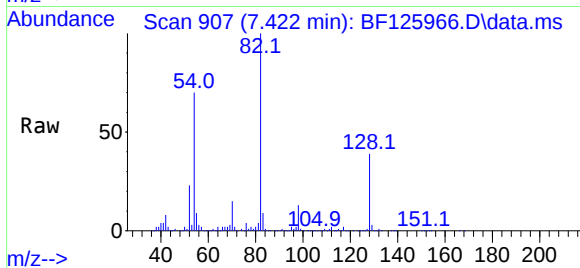
Tgt Ion: 82 Resp: 1234135

Ion Ratio Lower Upper

82 100

128 38.9 40.6 60.8#

54 70.3 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF125966.D

Acq: 27 Oct 2021 16:35

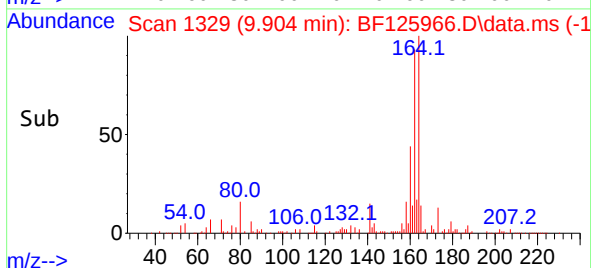
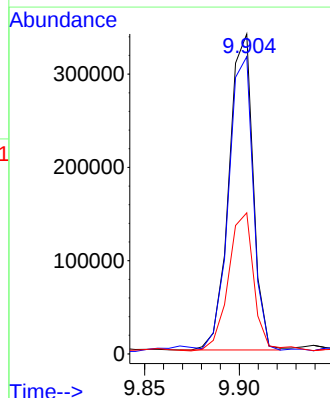
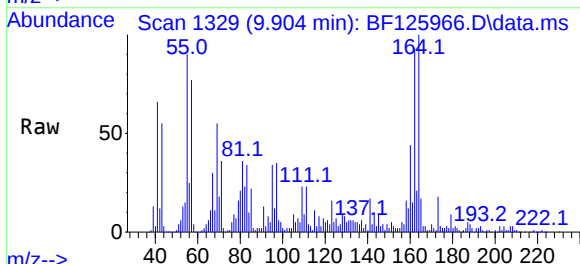
Tgt Ion:164 Resp: 300918

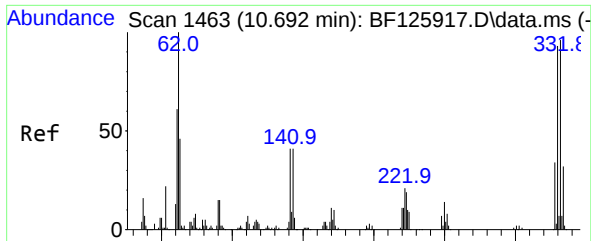
Ion Ratio Lower Upper

164 100

162 92.9 81.3 121.9

160 44.1 38.0 57.0

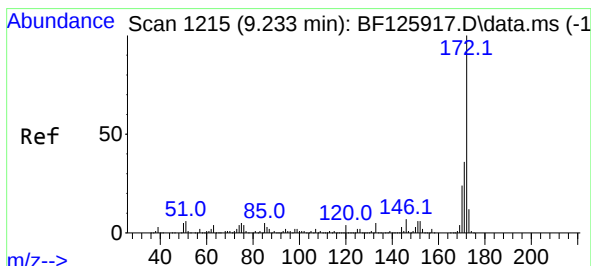
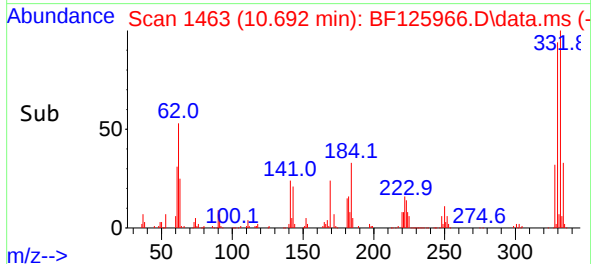
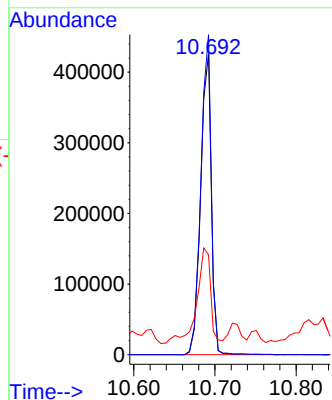
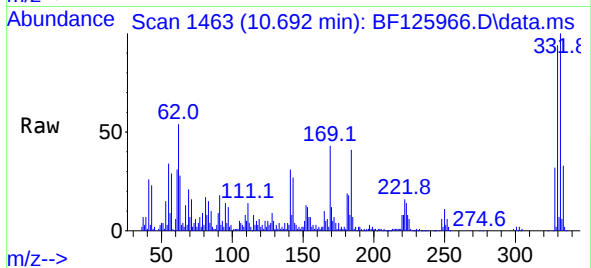




#42
2,4,6-Tribromophenol
Concen: 148.731 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF125966.D
Acq: 27 Oct 2021 16:35

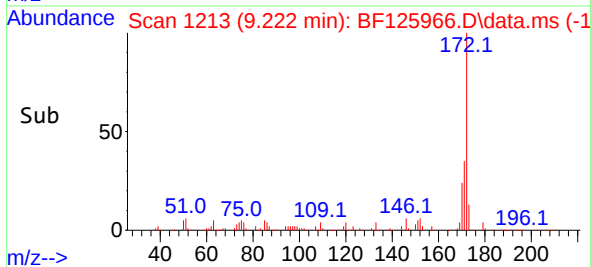
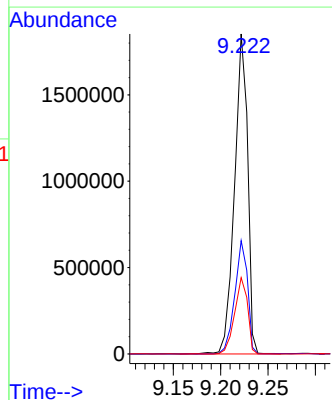
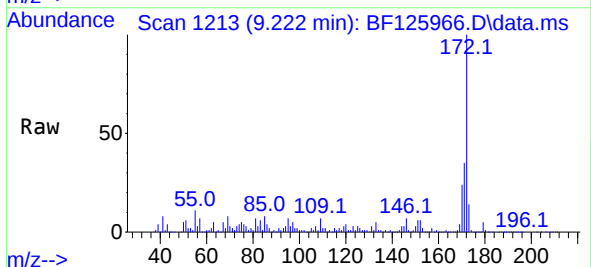
Instrument :
BNA_F
ClientSampled :
SB-5

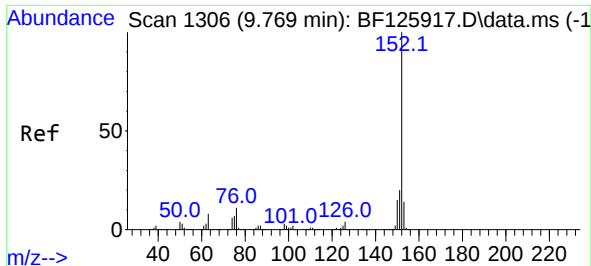
Tgt Ion:330 Resp: 390155
Ion Ratio Lower Upper
330 100
332 104.2 76.2 114.4
141 41.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 104.647 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF125966.D
Acq: 27 Oct 2021 16:35

Tgt Ion:172 Resp: 1780694
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 23.8 18.8 28.2





#49

Acenaphthylene

Concen: 2.032 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.012 min

Lab File: BF125966.D

Acq: 27 Oct 2021 16:35

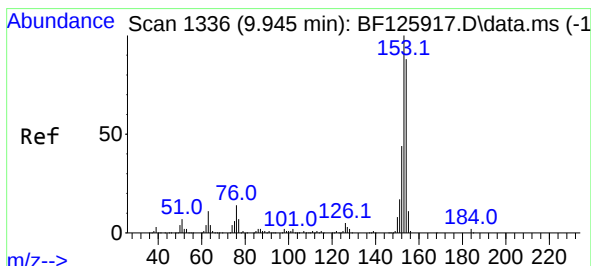
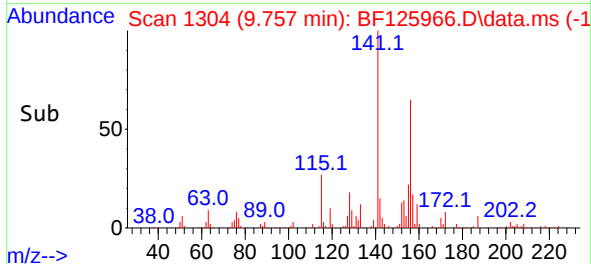
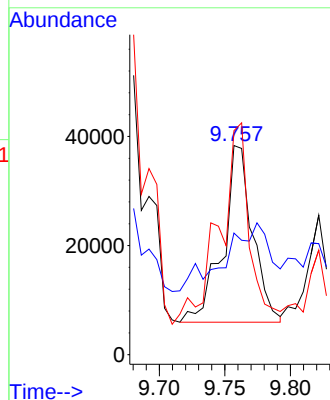
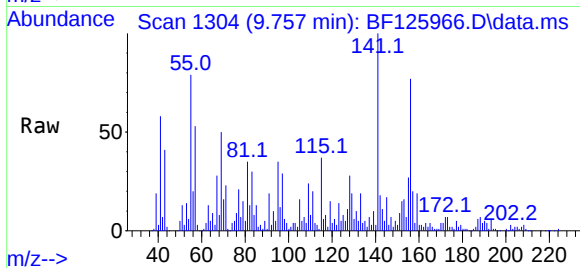
Instrument :

BNA_F

ClientSampleId :

SB-5

Tgt Ion:	152	Resp:	51014
Ion Ratio	Lower	Upper	
152	100		
151	58.2	15.7	23.5#
153	107.1	9.8	14.8#



#52

Acenaphthene

Concen: 3.499 ng

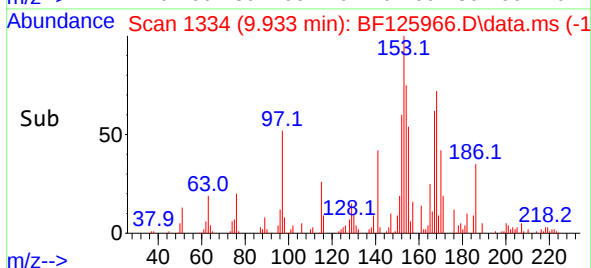
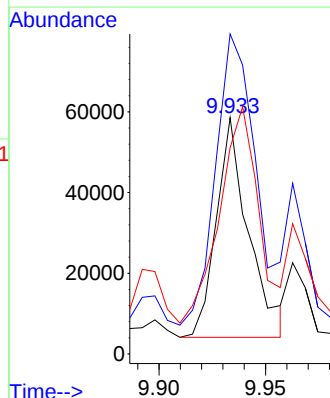
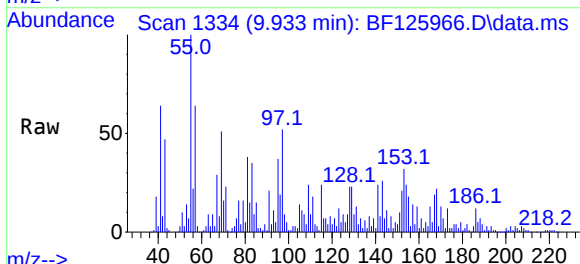
RT: 9.933 min Scan# 1334

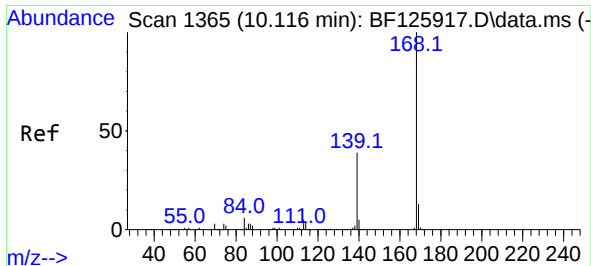
Delta R.T. -0.012 min

Lab File: BF125966.D

Acq: 27 Oct 2021 16:35

Tgt Ion:	154	Resp:	57074
Ion Ratio	Lower	Upper	
154	100		
153	135.4	89.4	134.2#
152	87.3	40.5	60.7#

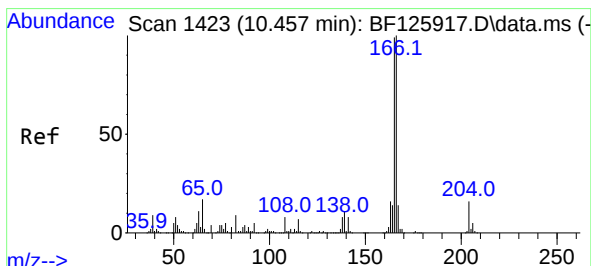
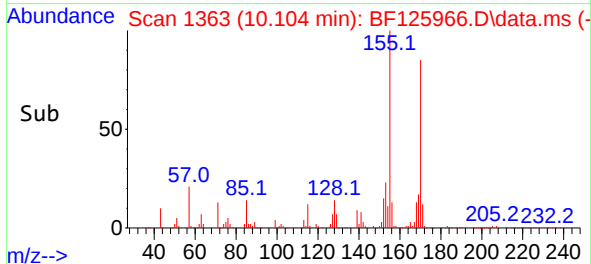
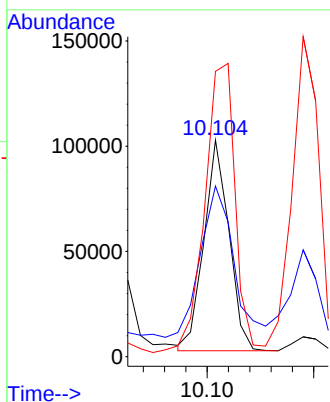
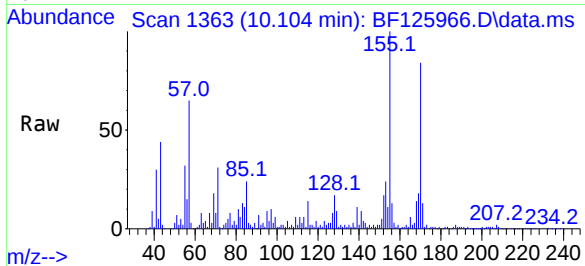




#55
Dibenzenofuran
Concen: 3.350 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF125966.D
Acq: 27 Oct 2021 16:35

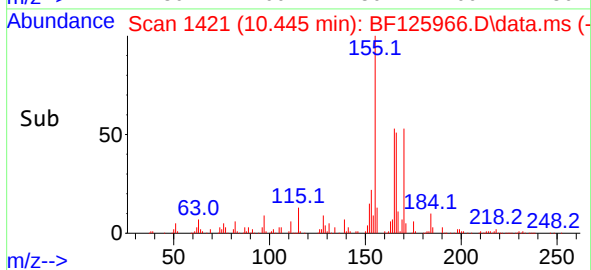
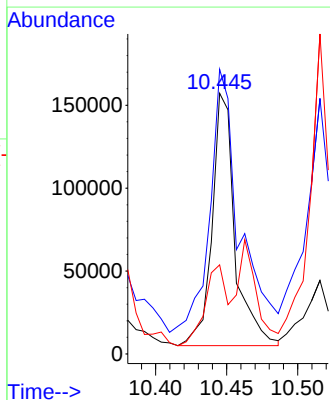
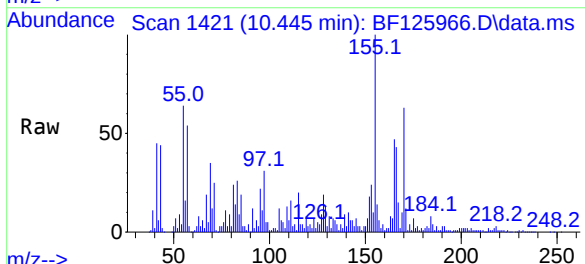
Instrument :
BNA_F
ClientSampled :
SB-5

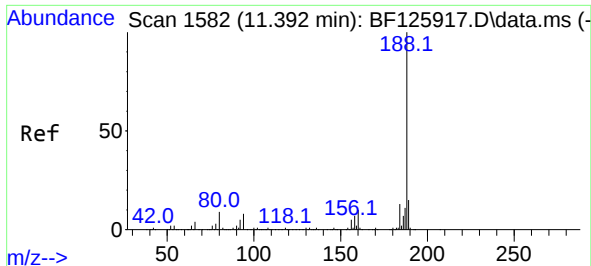
Tgt Ion:168 Resp: 81624
Ion Ratio Lower Upper
168 100
139 78.7 32.7 49.1#
169 131.7 11.2 16.8#



#58
Fluorene
Concen: 7.363 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF125966.D
Acq: 27 Oct 2021 16:35

Tgt Ion:166 Resp: 170899
Ion Ratio Lower Upper
166 100
165 109.2 78.1 117.1
167 34.2 11.1 16.7#

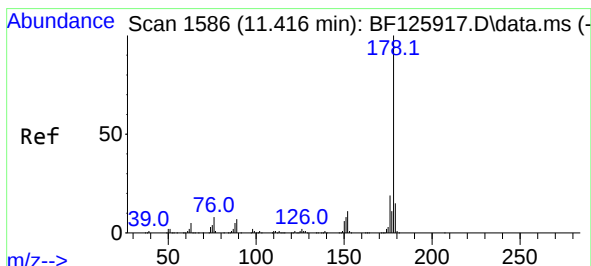
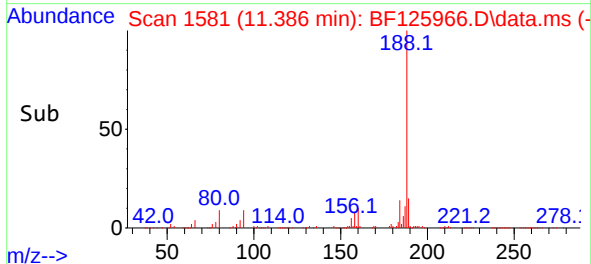
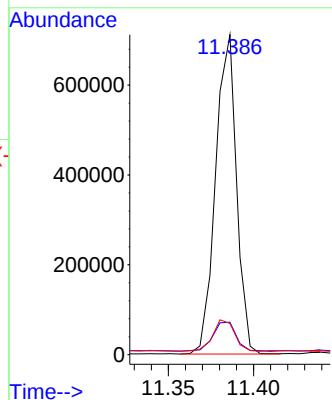
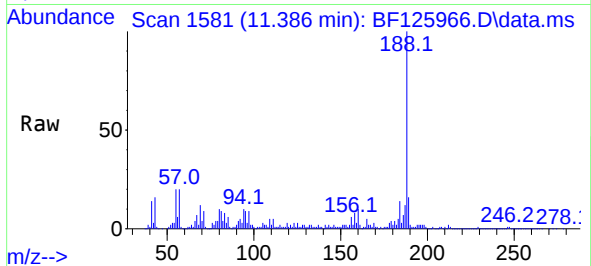




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125966.D
Acq: 27 Oct 2021 16:35

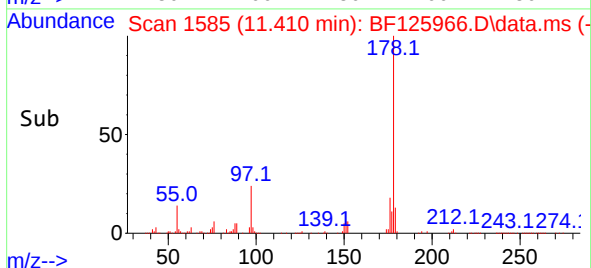
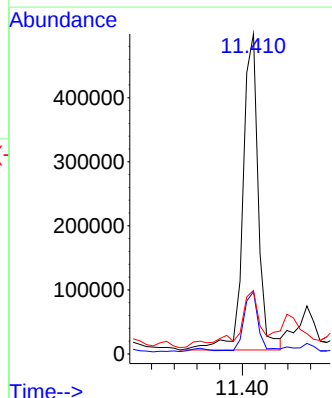
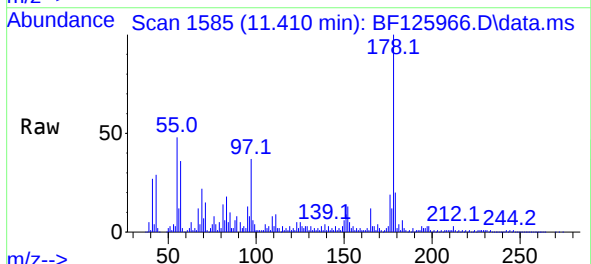
Instrument :
BNA_F
ClientSampled :
SB-5

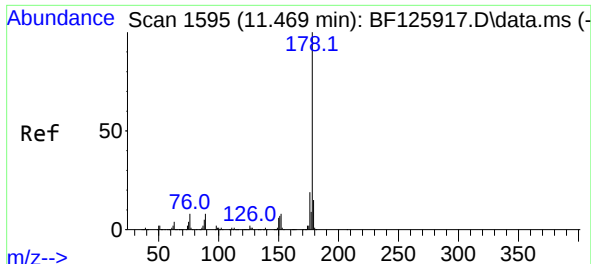
Tgt Ion:188 Resp: 608995
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 9.7 7.5 11.3



#71
Phenanthrene
Concen: 14.672 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF125966.D
Acq: 27 Oct 2021 16:35

Tgt Ion:178 Resp: 463620
Ion Ratio Lower Upper
178 100
176 19.4 14.7 22.1
179 19.8 11.5 17.3#

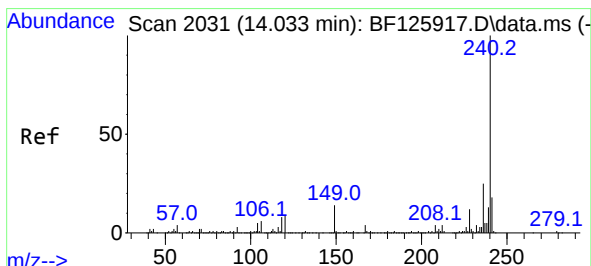
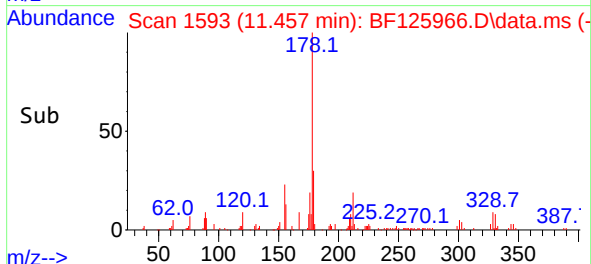
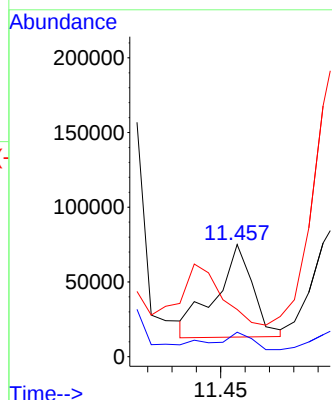
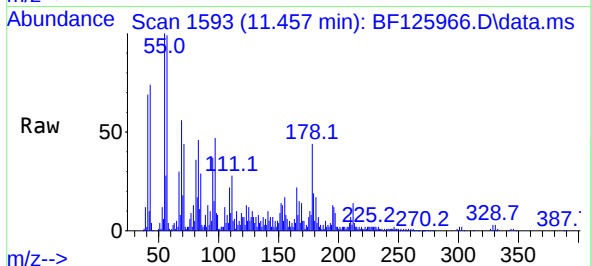




#72
 Anthracene
 Concen: 2.079 ng
 RT: 11.457 min Scan# 1593
 Delta R.T. -0.012 min
 Lab File: BF125966.D
 Acq: 27 Oct 2021 16:35

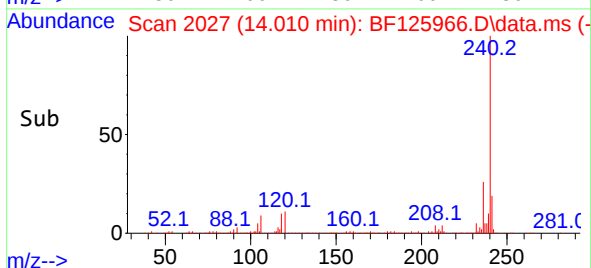
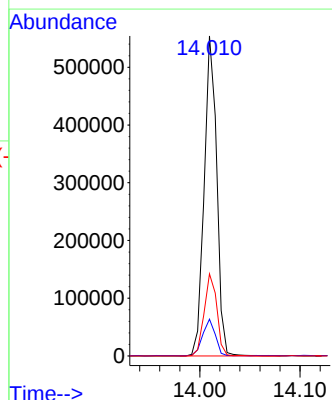
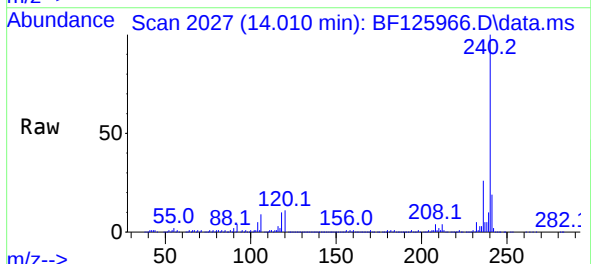
Instrument :
 BNA_F
 ClientSampled :
 SB-5

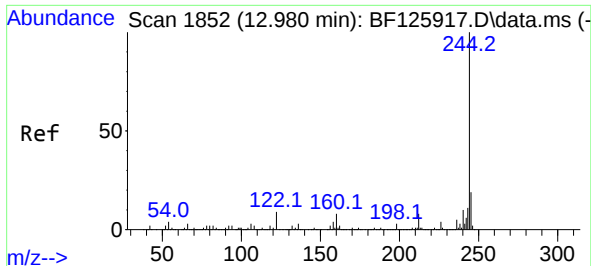
Tgt Ion:178 Resp: 65604
 Ion Ratio Lower Upper
 178 100
 176 21.9 14.3 21.5#
 179 42.1 12.2 18.4#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.010 min Scan# 2027
 Delta R.T. -0.024 min
 Lab File: BF125966.D
 Acq: 27 Oct 2021 16:35

Tgt Ion:240 Resp: 484339
 Ion Ratio Lower Upper
 240 100
 120 11.5 10.8 16.2
 236 25.7 21.6 32.4

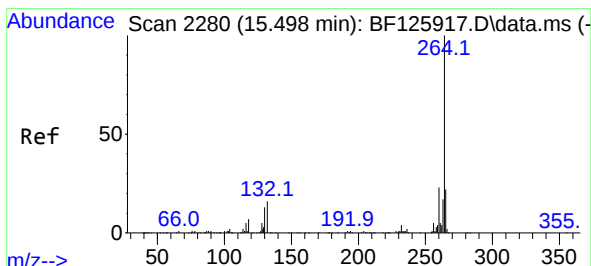
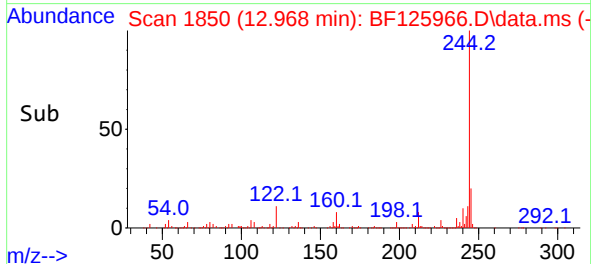
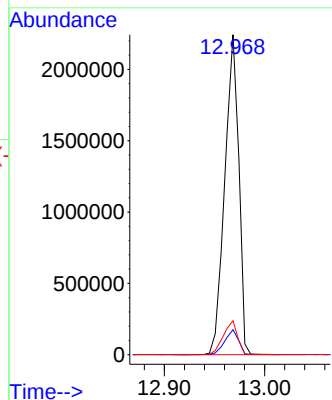
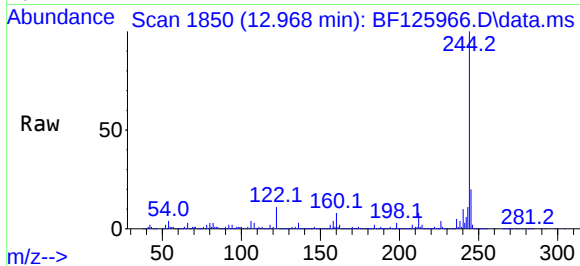




#79
Terphenyl-d14
Concen: 73.217 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.012 min
Lab File: BF125966.D
Acq: 27 Oct 2021 16:35

Instrument :
BNA_F
ClientSampled :
SB-5

Tgt Ion:244 Resp: 2167956
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 10.6 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.024 min
Lab File: BF125966.D
Acq: 27 Oct 2021 16:35

Tgt Ion:264 Resp: 438916
Ion Ratio Lower Upper
264 100
260 23.9 19.6 29.4
265 21.7 17.2 25.8

