

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101221\
 Data File : BF125799.D
 Acq On : 12 Oct 2021 13:39
 Operator : JU/CG
 Sample : M4112-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2-CURB

Quant Time: Oct 12 16:27:05 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)

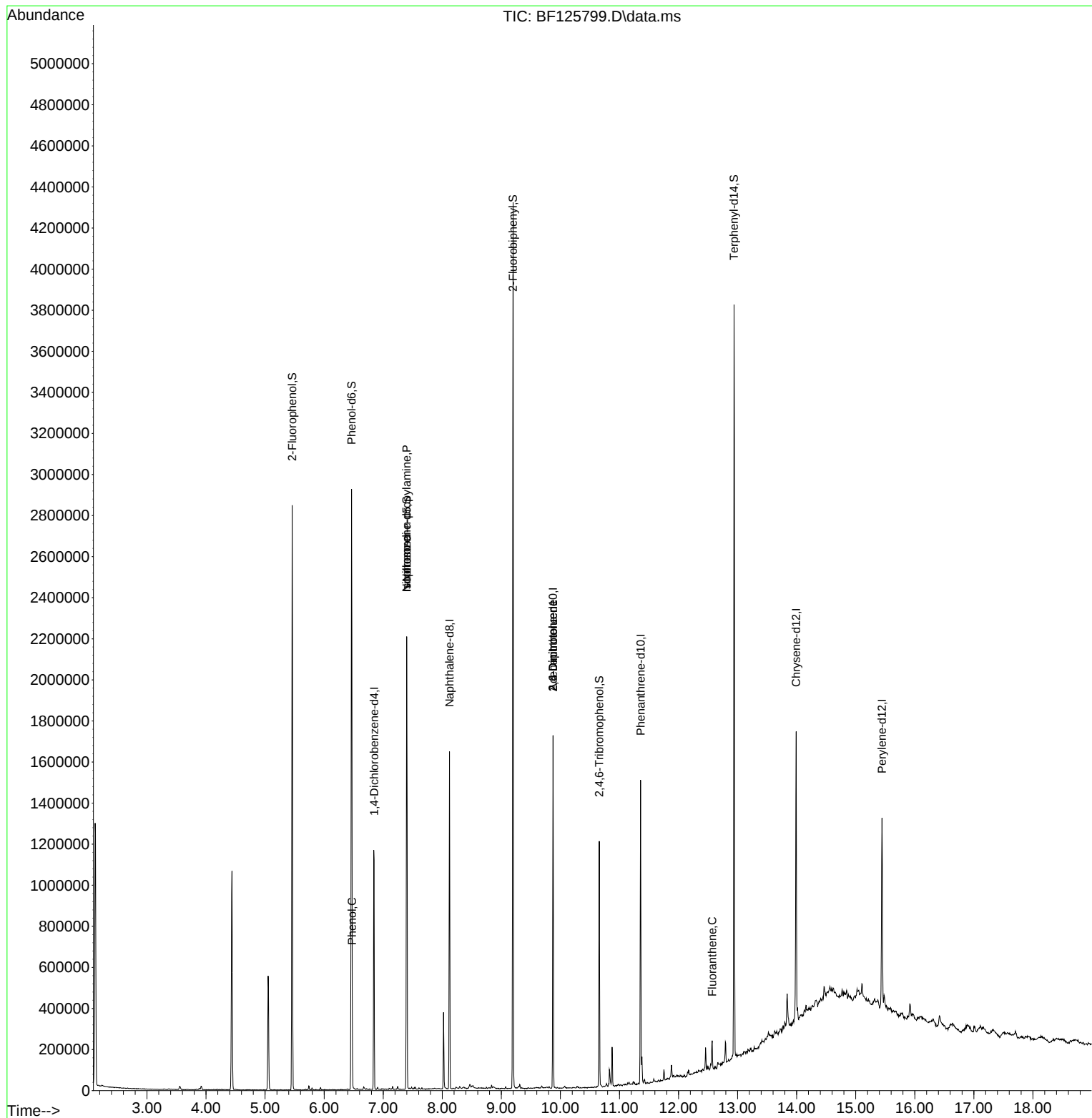
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	182101	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	678128	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	313093	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	487286	20.000	ng	0.00
76) Chrysene-d12	13.992	240	445696	20.000	ng	0.00
86) Perylene-d12	15.445	264	401074	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	835126	74.919	ng	0.00
7) Phenol-d6	6.463	99	1084204	75.555	ng	-0.01
23) Nitrobenzene-d5	7.398	82	668009	61.233	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	130363	42.172	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1259947	69.410	ng	0.00
79) Terphenyl-d14	12.939	244	1229910	42.035	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.475	94	73500	5.267	ng	90
19) n-Nitroso-di-n-propyla...	7.398	70	82909	10.945	ng	# 51
25) Isophorone	7.398	82	665434	34.430	ng	# 59
51) 2,6-Dinitrotoluene	9.875	165	40018	9.606	ng	# 28
57) 2,4-Dinitrotoluene	9.875	165	40018	7.597	ng	# 19
75) Fluoranthene	12.569	202	53419	2.271	ng	98

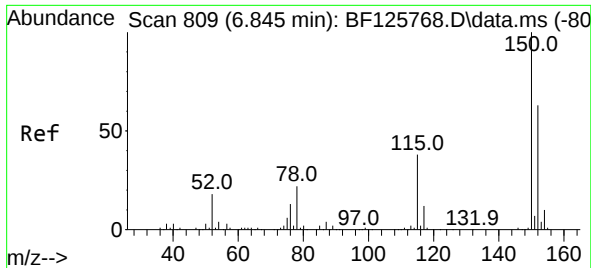
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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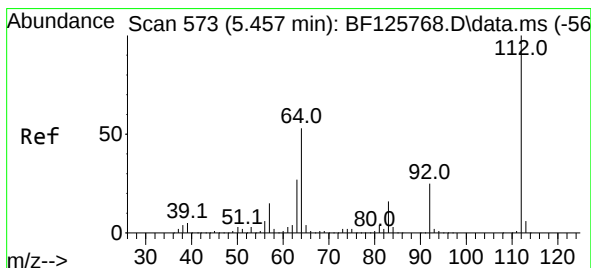
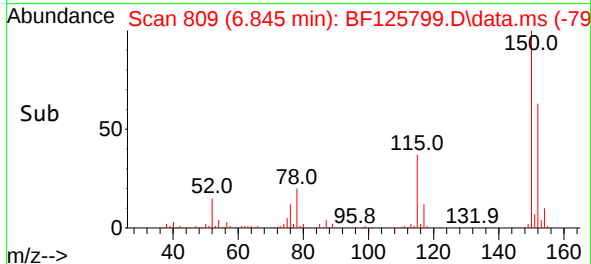
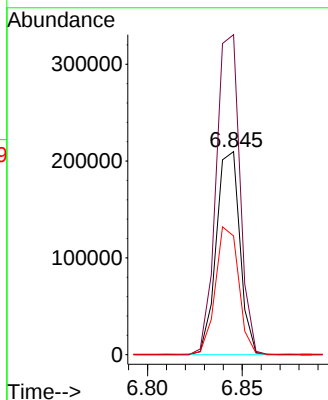
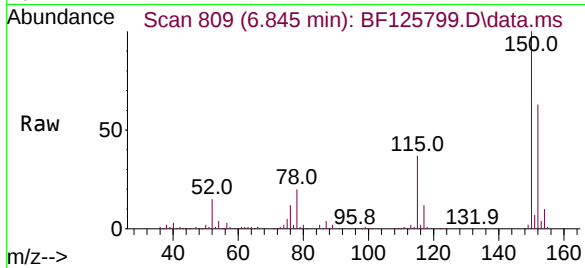




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125799.D
Acq: 12 Oct 2021 13:39

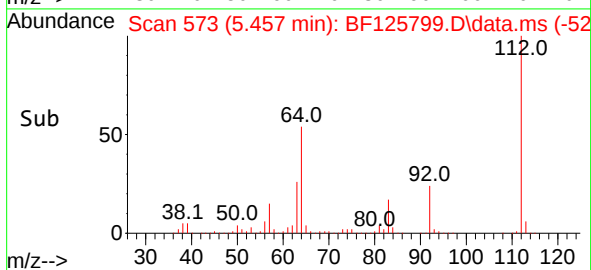
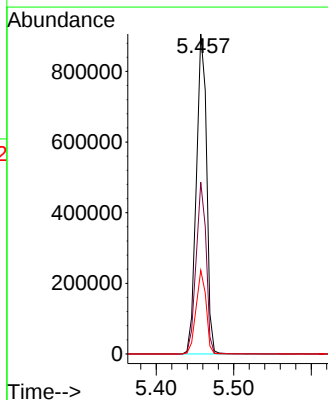
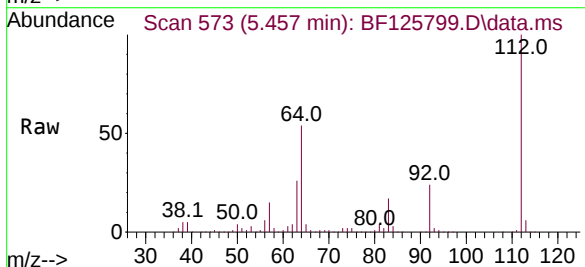
Instrument :
BNA_G
ClientSampleId :
2-CURB

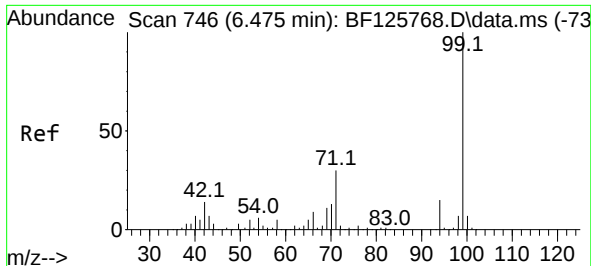
Tgt Ion:152 Resp: 182101
Ion Ratio Lower Upper
152 100
150 157.5 117.6 176.4
115 58.4 47.1 70.7



#5
2-Fluorophenol
Concen: 74.919 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF125799.D
Acq: 12 Oct 2021 13:39

Tgt Ion:112 Resp: 835126
Ion Ratio Lower Upper
112 100
64 53.6 44.2 66.2
63 26.2 26.2 39.2#

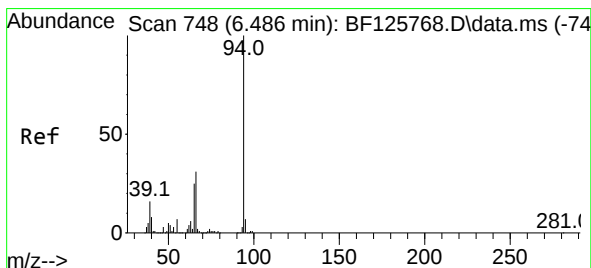
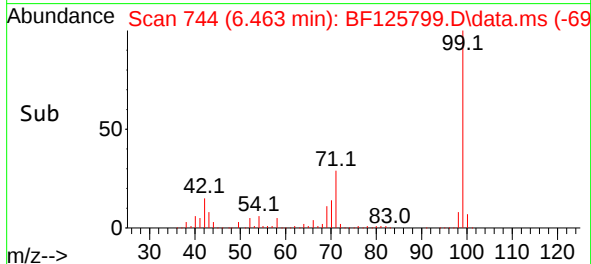
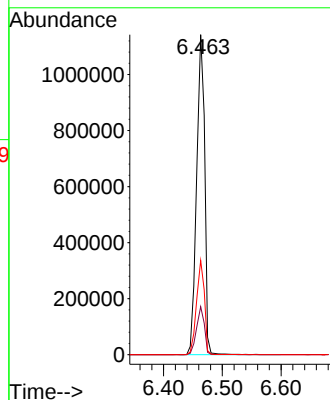
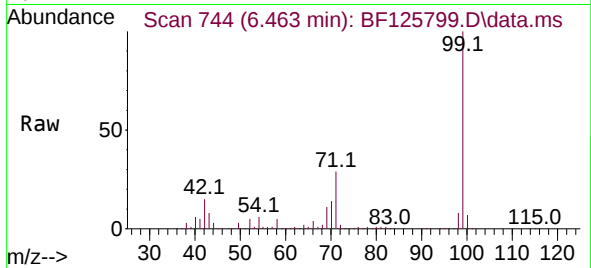




#7
Phenol-d6
Concen: 75.555 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF125799.D
Acq: 12 Oct 2021 13:39

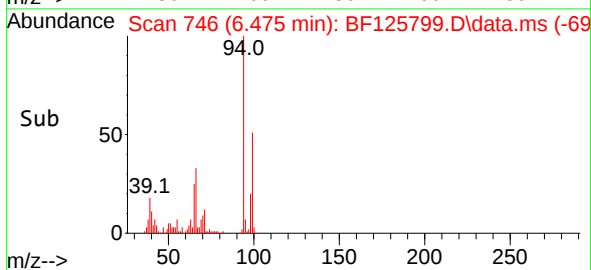
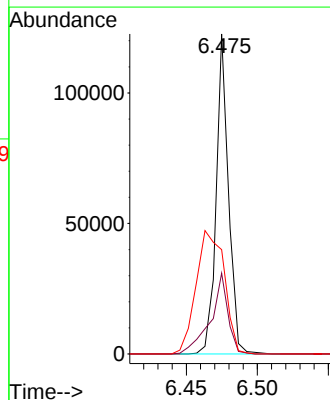
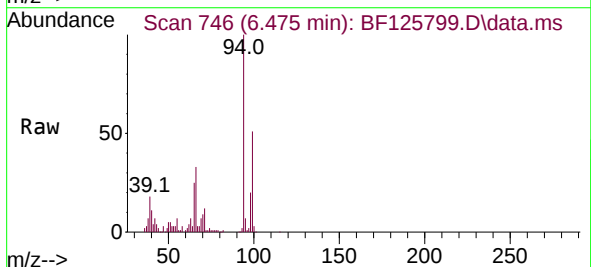
Instrument :
BNA_G
ClientSampleId :
2-CURB

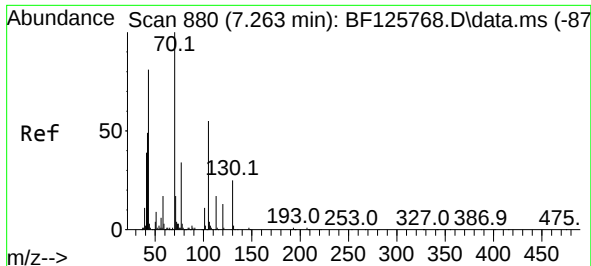
Tgt Ion: 99 Resp: 1084204
Ion Ratio Lower Upper
99 100
42 15.0 23.5 35.3#
71 29.5 25.6 38.4



#10
Phenol
Concen: 5.267 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.011 min
Lab File: BF125799.D
Acq: 12 Oct 2021 13:39

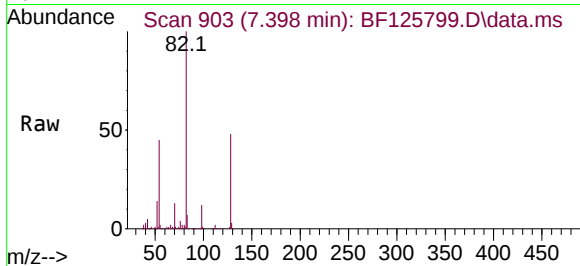
Tgt Ion: 94 Resp: 73500
Ion Ratio Lower Upper
94 100
65 25.2 9.3 49.3
66 32.6 20.3 60.3



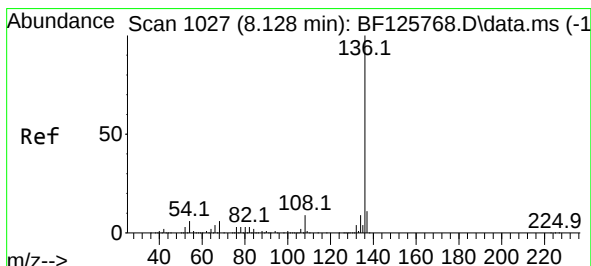
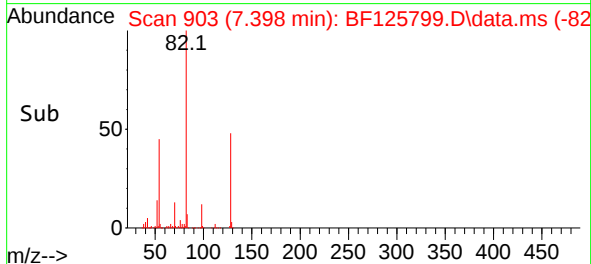
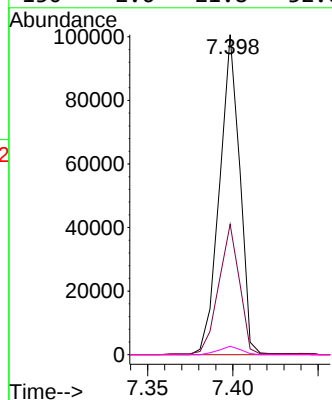


#19
n-Nitroso-di-n-propylamine
Concen: 10.945 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF125799.D
Acq: 12 Oct 2021 13:39

Instrument :
BNA_G
ClientSampleId :
2-CURB

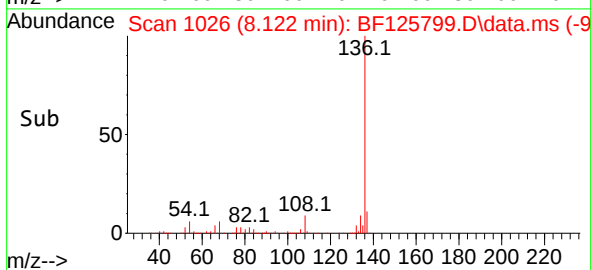
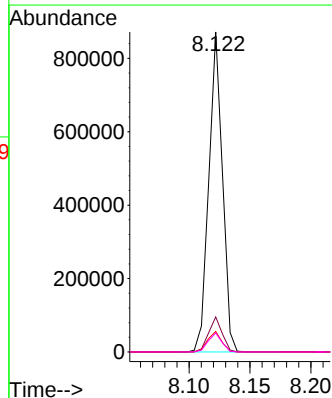
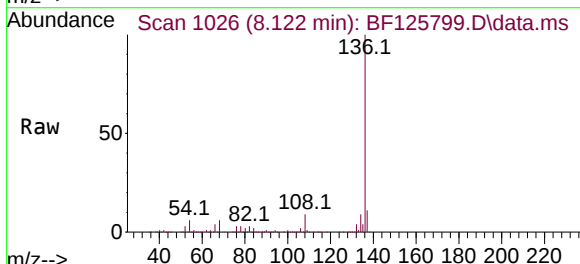


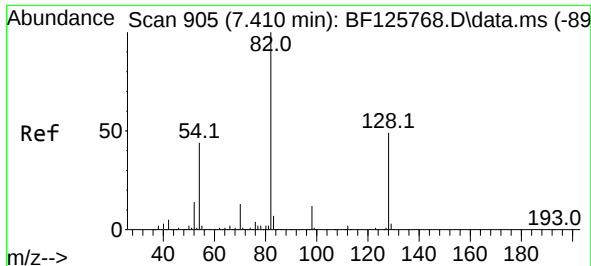
Tgt Ion	Ratio	Lower	Upper
70	100		
42	40.8	72.2	108.2#
101	0.0	7.8	11.8#
130	2.6	21.8	32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125799.D
Acq: 12 Oct 2021 13:39

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	6.4	6.4	9.6#
68	5.9	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 61.233 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF125799.D

Acq: 12 Oct 2021 13:39

Tgt Ion: 82 Resp: 668009

Ion Ratio Lower Upper

82 100

128 48.2 40.6 60.8

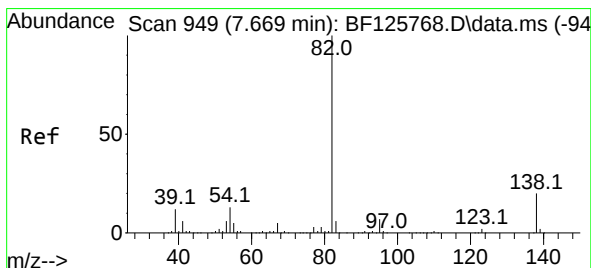
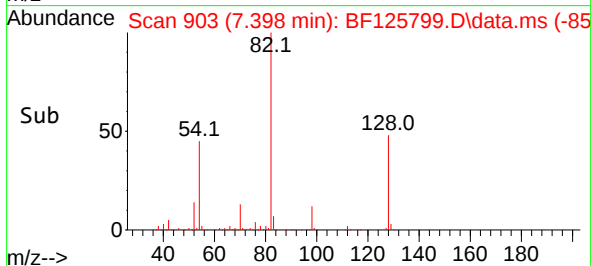
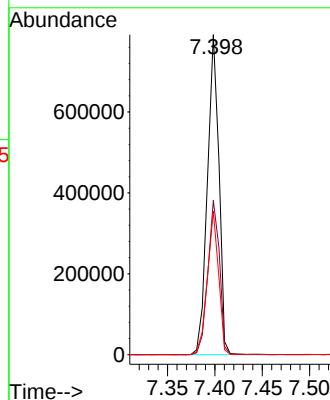
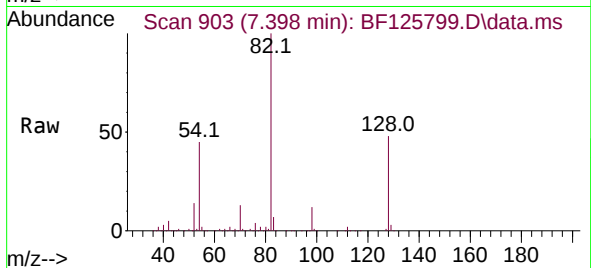
54 44.9 49.6 74.4#

Instrument :

BNA_G

ClientSampleId :

2-CURB



#25

Isophorone

Concen: 34.430 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.270 min

Lab File: BF125799.D

Acq: 12 Oct 2021 13:39

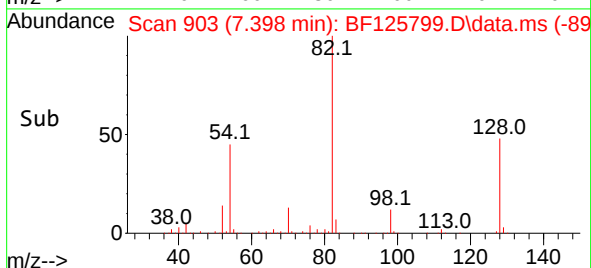
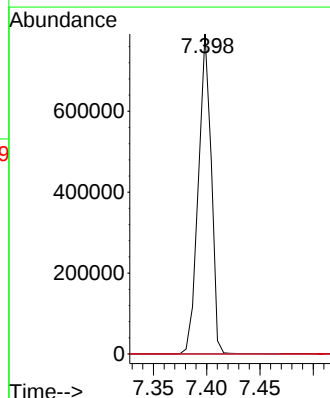
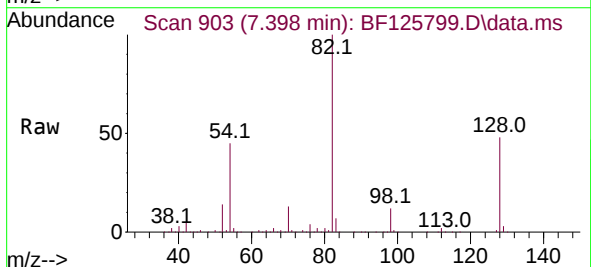
Tgt Ion: 82 Resp: 665434

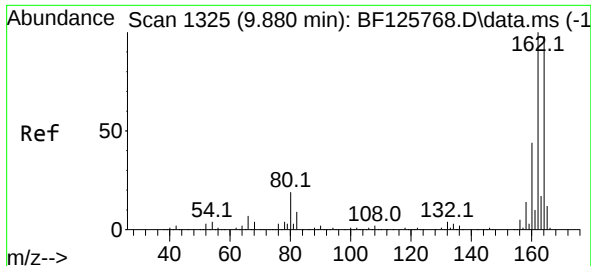
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF125799.D

Acq: 12 Oct 2021 13:39

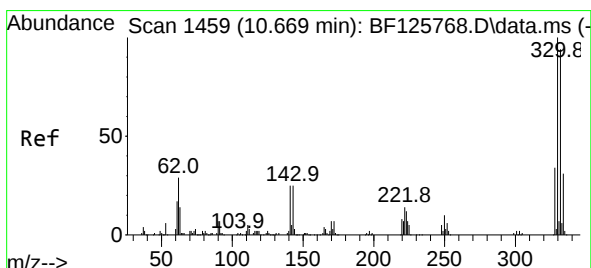
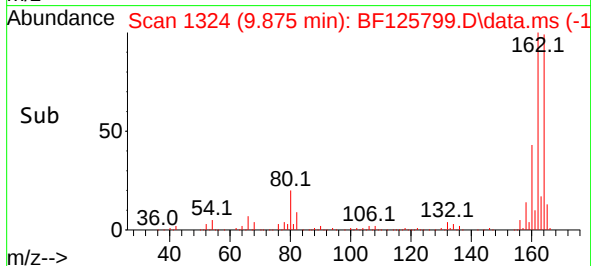
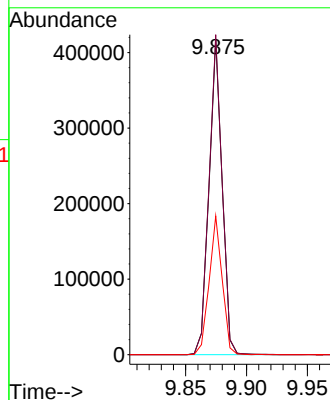
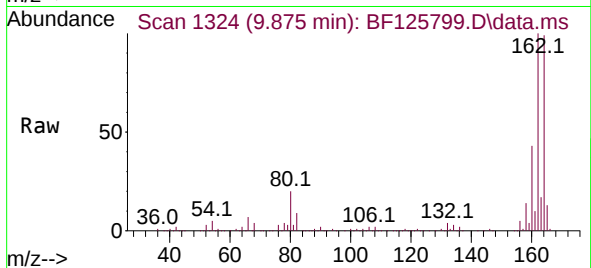
Tgt Ion:164 Resp: 313093

Ion Ratio Lower Upper

164 100

162 101.3 81.3 121.9

160 43.9 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 42.172 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.012 min

Lab File: BF125799.D

Acq: 12 Oct 2021 13:39

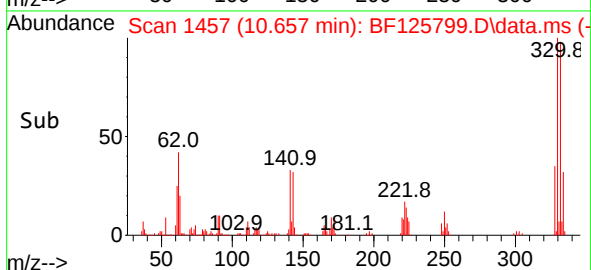
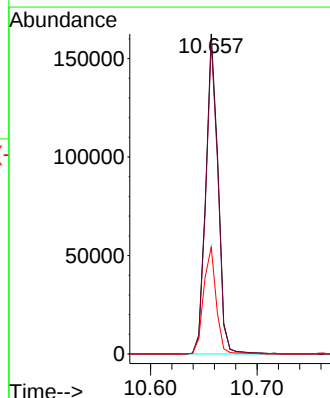
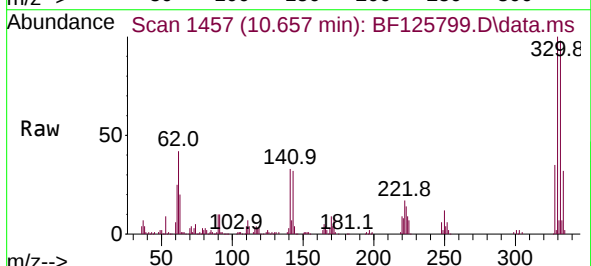
Tgt Ion:330 Resp: 130363

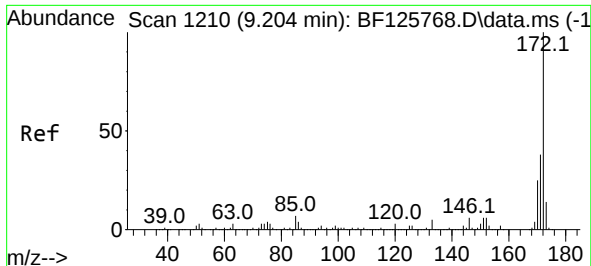
Ion Ratio Lower Upper

330 100

332 96.8 76.2 114.4

141 34.3 44.6 66.8#

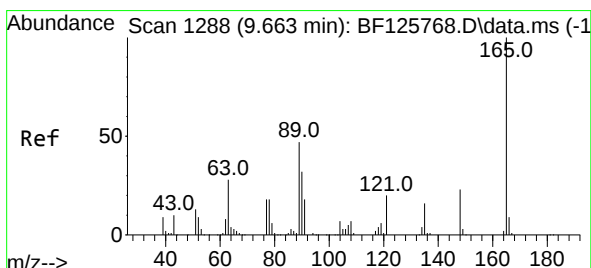
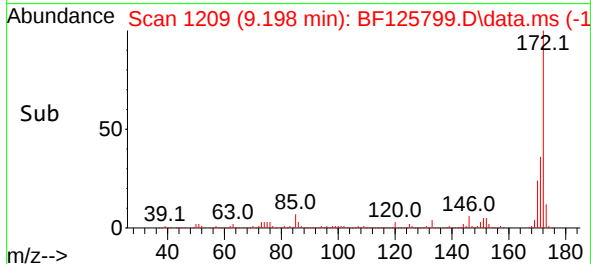
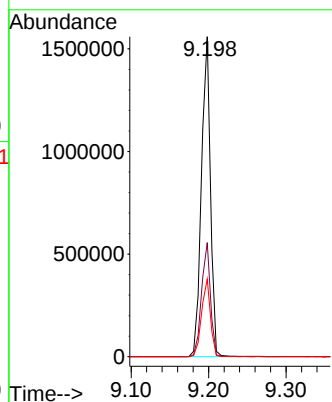
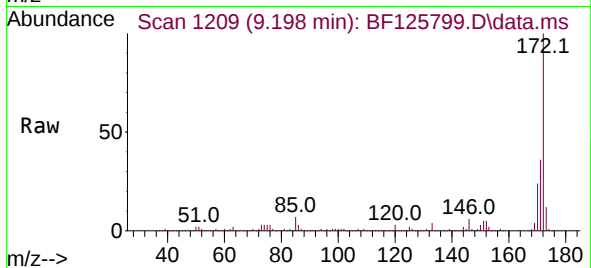




#45
2-Fluorobiphenyl
Concen: 69.410 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125799.D
Acq: 12 Oct 2021 13:39

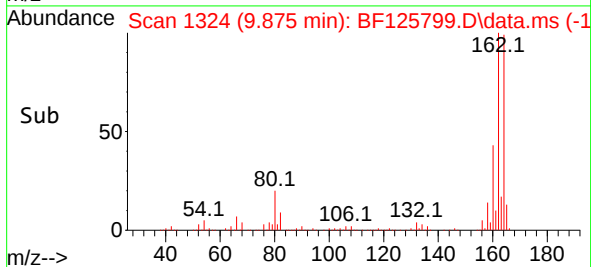
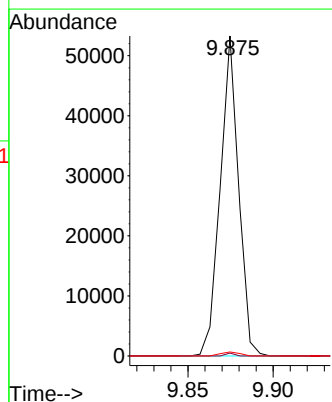
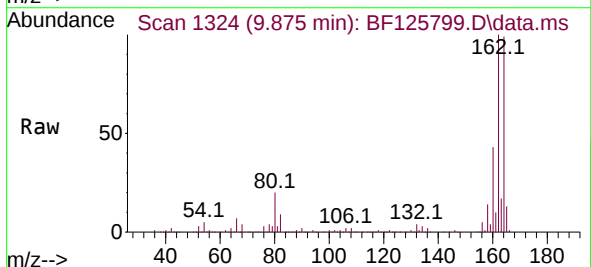
Instrument :
BNA_G
ClientSampleId :
2-CURB

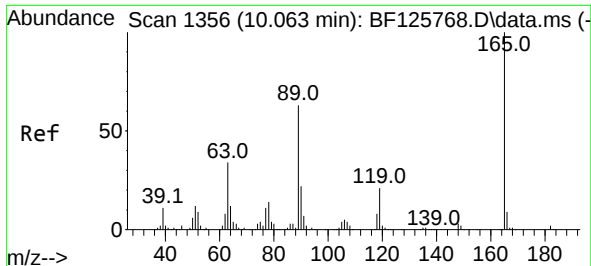
Tgt Ion:172 Resp: 1259947
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 24.2 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.606 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF125799.D
Acq: 12 Oct 2021 13:39

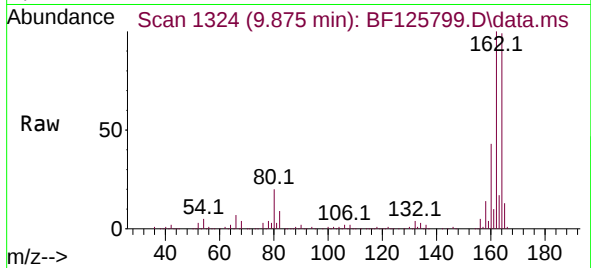
Tgt Ion:165 Resp: 40018
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.2 40.6 60.8#



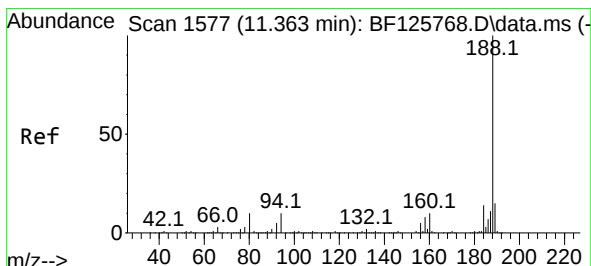
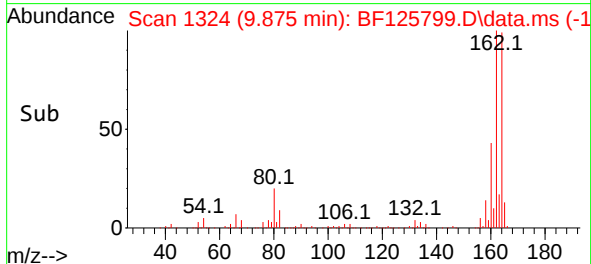
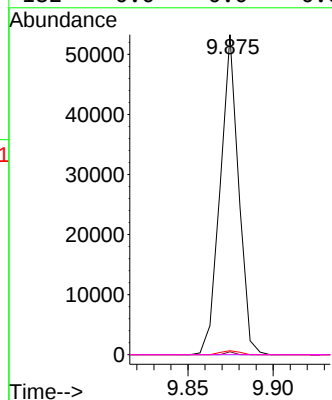


#57
2,4-Dinitrotoluene
Concen: 7.597 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF125799.D
Acq: 12 Oct 2021 13:39

Instrument :
BNA_G
ClientSampled :
2-CURB

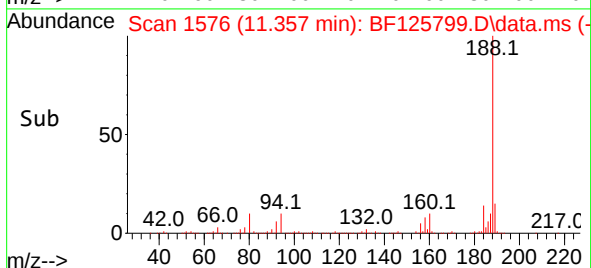
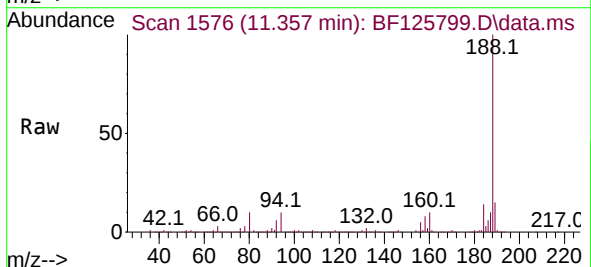
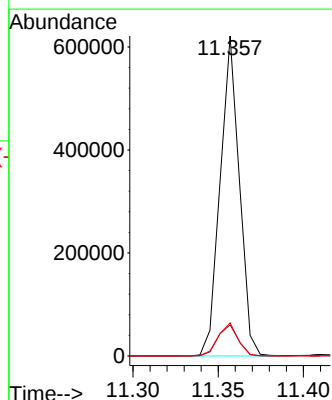


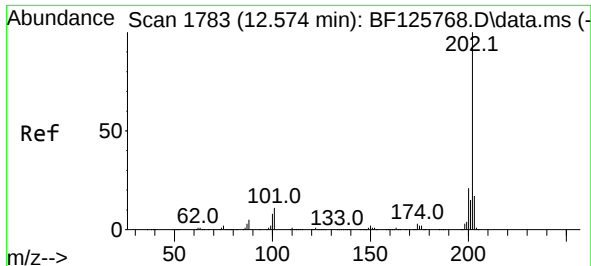
Tgt Ion:	165	Resp:	40018
Ion Ratio	Lower	Upper	
165	100		
63	0.9	40.9	61.3#
89	1.2	59.7	89.5#
182	0.0	0.0	0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125799.D
Acq: 12 Oct 2021 13:39

Tgt Ion:	188	Resp:	487286
Ion Ratio	Lower	Upper	
188	100		
94	9.8	6.7	10.1
80	10.4	7.5	11.3

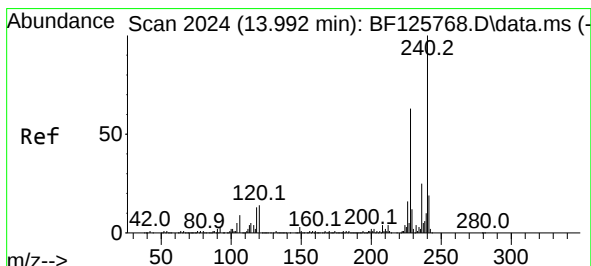
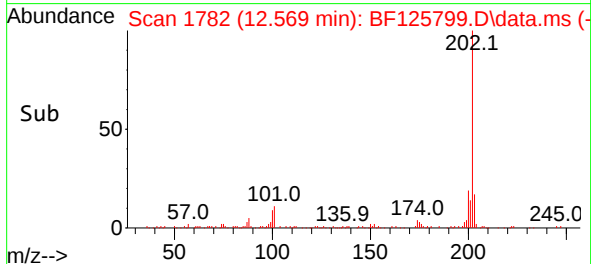
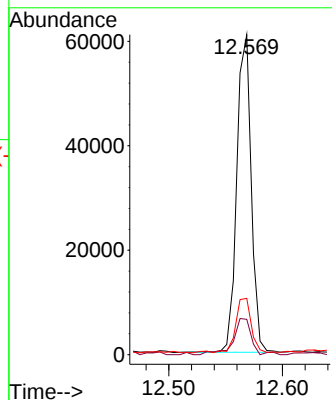
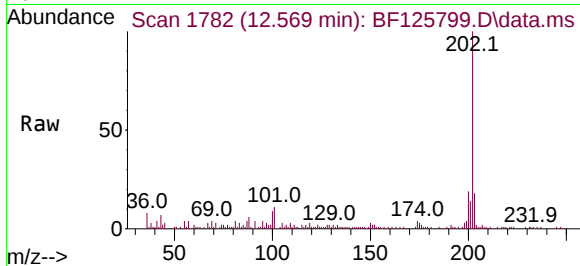




#75
Fluoranthene
Concen: 2.271 ng
RT: 12.569 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF125799.D
Acq: 12 Oct 2021 13:39

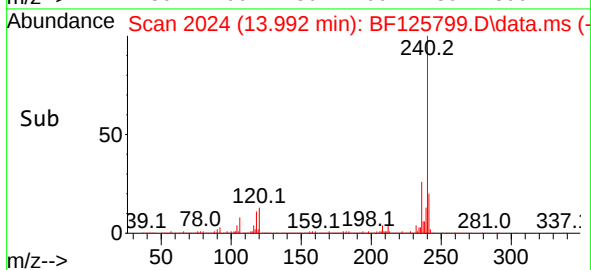
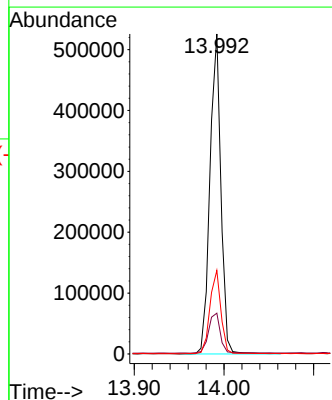
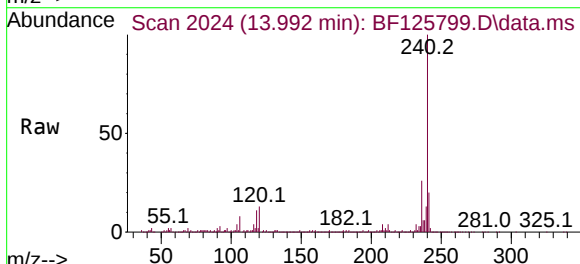
Instrument :
BNA_G
ClientSampleId :
2-CURB

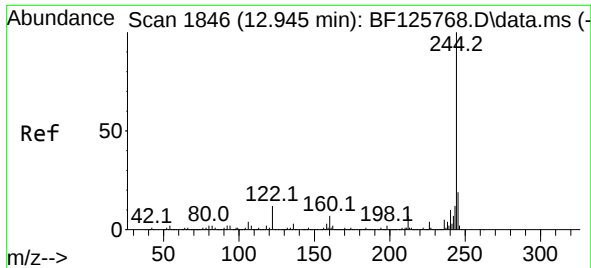
Tgt Ion:202 Resp: 53419
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.7
203 17.6 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF125799.D
Acq: 12 Oct 2021 13:39

Tgt Ion:240 Resp: 445696
Ion Ratio Lower Upper
240 100
120 12.8 10.8 16.2
236 26.1 21.6 32.4

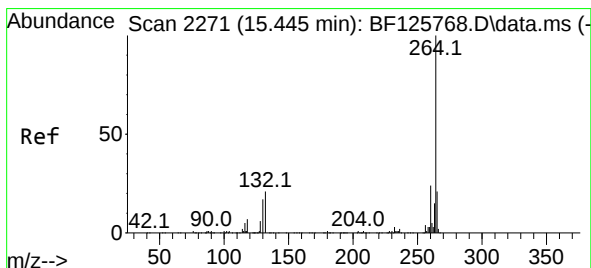
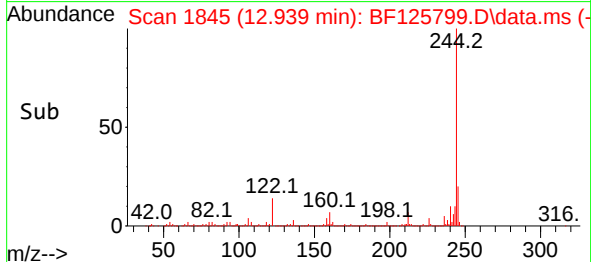
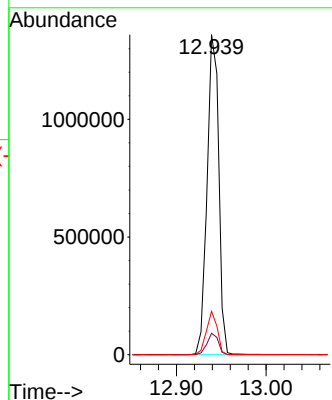
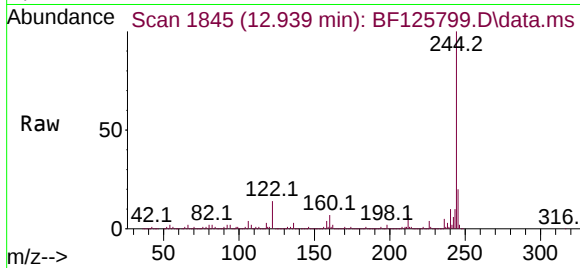




#79
Terphenyl-d14
Concen: 42.035 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BF125799.D
Acq: 12 Oct 2021 13:39

Instrument :
BNA_G
ClientSampleId :
2-CURB

Tgt Ion:244 Resp: 1229910
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 13.5 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF125799.D
Acq: 12 Oct 2021 13:39

Tgt Ion:264 Resp: 401074
Ion Ratio Lower Upper
264 100
260 23.6 19.6 29.4
265 21.6 17.2 25.8

