

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
 Data File : BF129758.D
 Acq On : 12 Aug 2022 22:39
 Operator : CG\JU
 Sample : N4136-03 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5

Quant Time: Aug 13 02:10:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 12 15:52:45 2022
 Response via : Initial Calibration

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

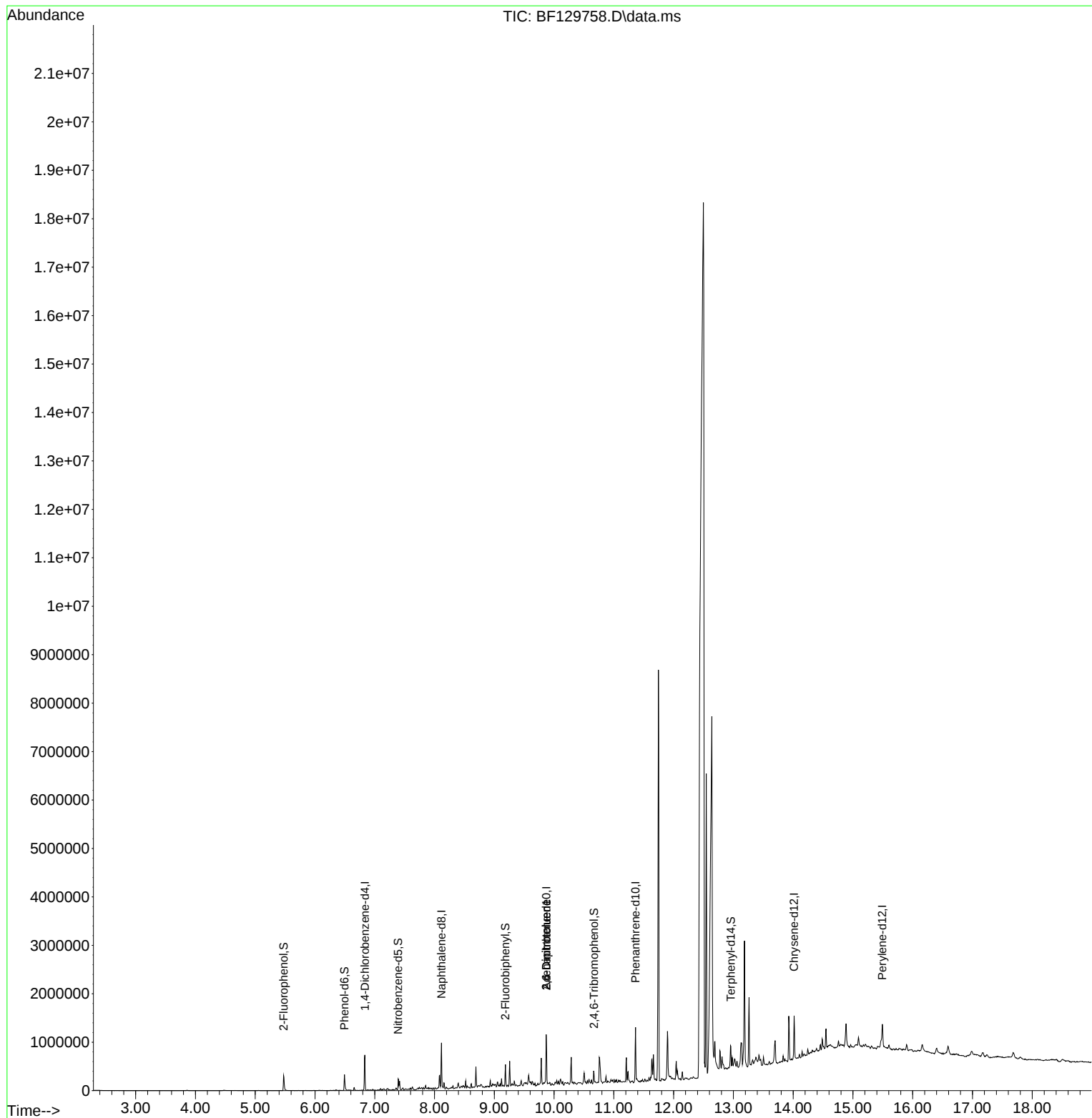
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	105461	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	369653	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	195599	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	363301	20.000	ng	0.00
76) Chrysene-d12	14.015	240	281193	20.000	ng	0.00
86) Perylene-d12	15.492	264	206875	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	101079	15.613	ng	0.00
7) Phenol-d6	6.492	99	115847	14.236	ng	0.00
23) Nitrobenzene-d5	7.392	82	63853	9.430	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	28838	15.335	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	121500	9.609	ng	0.00
79) Terphenyl-d14	12.957	244	152974	10.263	ng	0.01
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	9.869	165	28012	9.269	ng	# 26
57) 2,4-Dinitrotoluene	9.869	165	28012	7.095	ng	# 22

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

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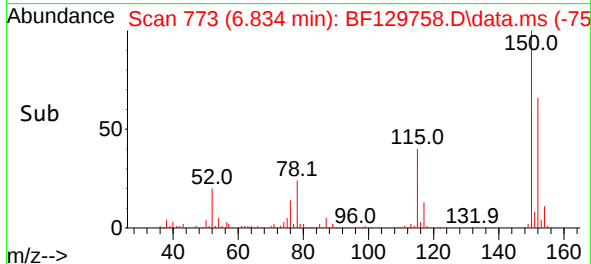
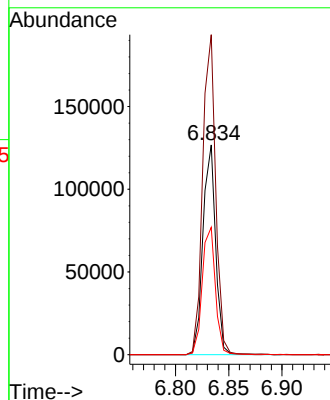
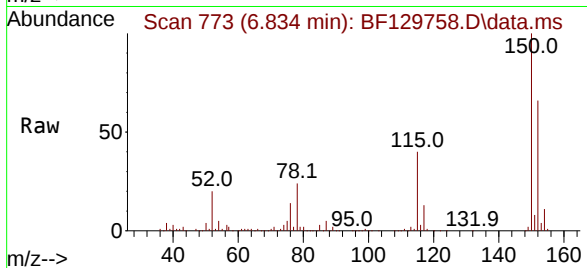




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: BF129758.D
 Acq: 12 Aug 2022 22:39

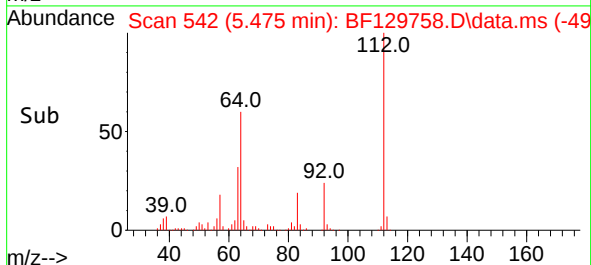
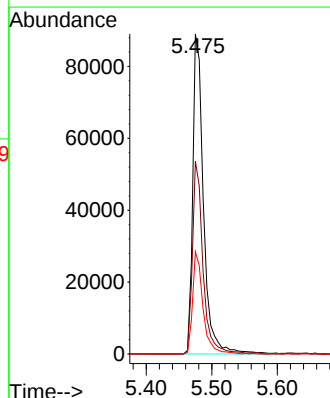
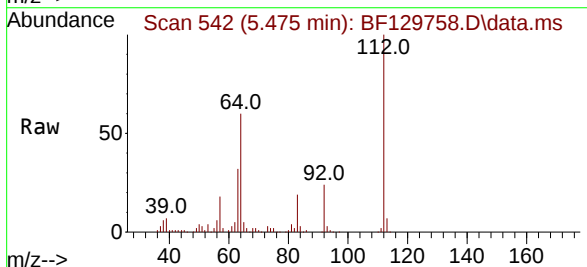
Instrument :
 BNA_F
 ClientSampleId :
 WC-5

Tgt Ion:152 Resp: 105461
 Ion Ratio Lower Upper
 152 100
 150 152.5 123.7 185.5
 115 60.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 15.613 ng
 RT: 5.475 min Scan# 542
 Delta R.T. 0.006 min
 Lab File: BF129758.D
 Acq: 12 Aug 2022 22:39

Tgt Ion:112 Resp: 101079
 Ion Ratio Lower Upper
 112 100
 64 60.2 53.3 79.9
 63 32.0 28.0 42.0

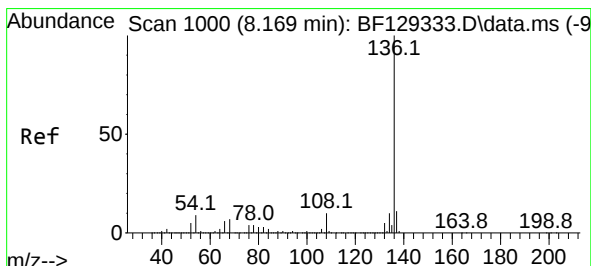
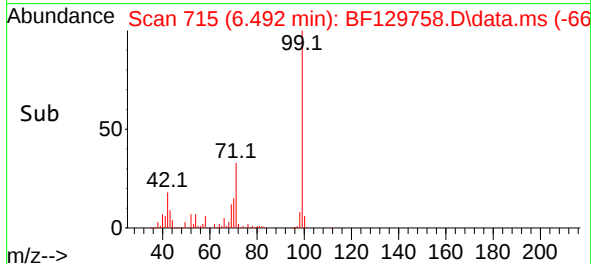
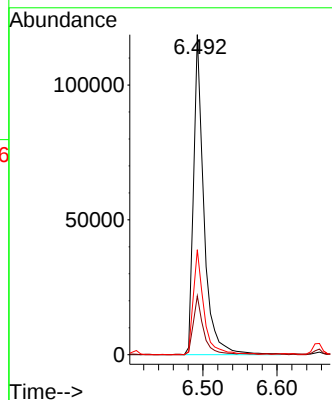
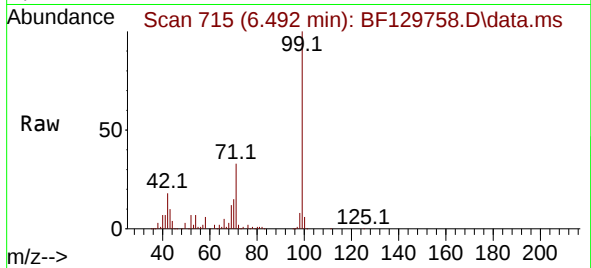




#7
Phenol-d6
Concen: 14.236 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129758.D
Acq: 12 Aug 2022 22:39

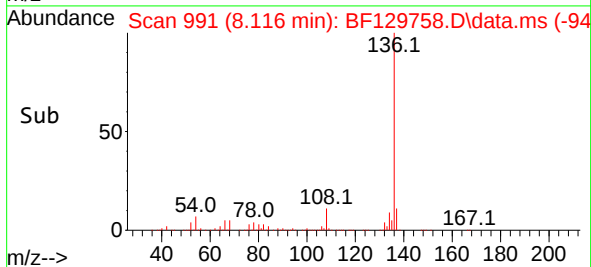
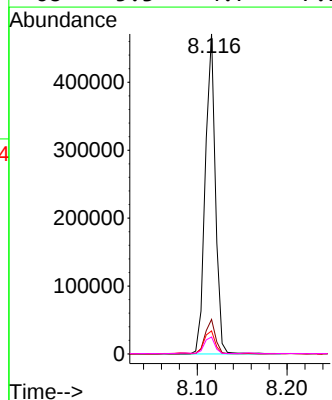
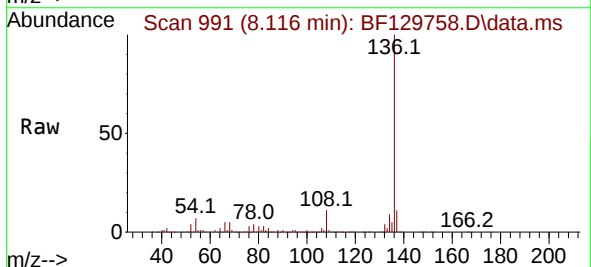
Instrument :
BNA_F
ClientSampleId :
WC-5

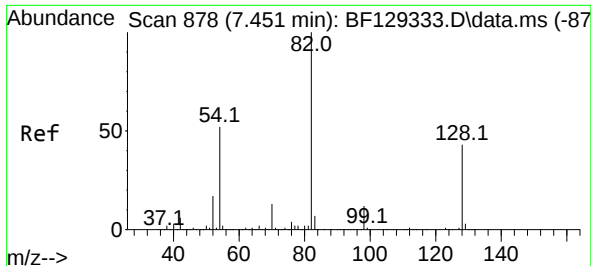
Tgt Ion: 99 Resp: 115847
Ion Ratio Lower Upper
99 100
42 18.3 17.3 25.9
71 32.8 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF129758.D
Acq: 12 Aug 2022 22:39

Tgt Ion: 136 Resp: 369653
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.2 7.5 11.3#
68 5.3 4.7 7.1

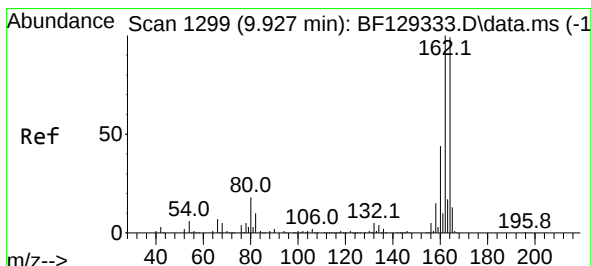
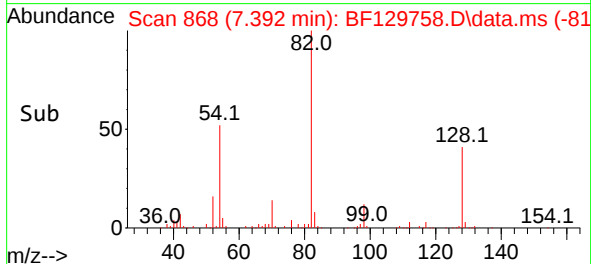
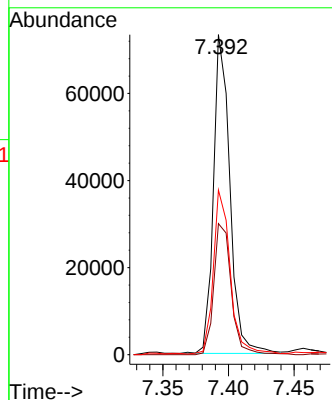
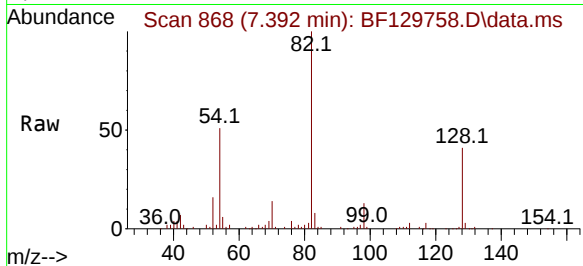




#23
Nitrobenzene-d5
Concen: 9.430 ng
RT: 7.392 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129758.D
Acq: 12 Aug 2022 22:39

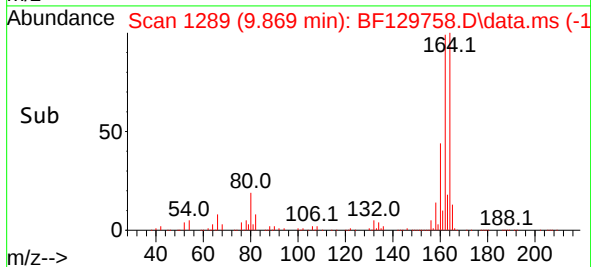
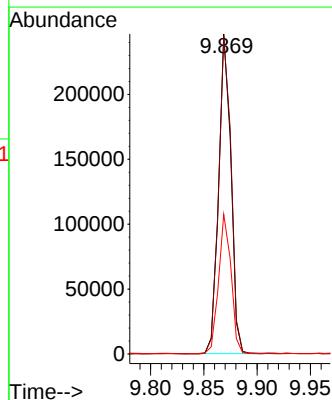
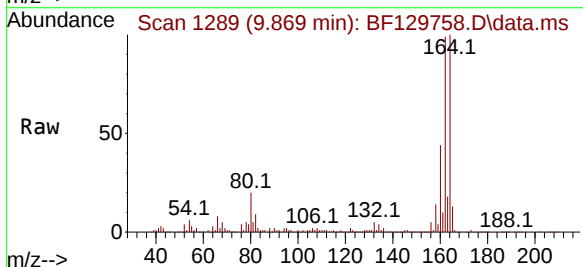
Instrument :
BNA_F
ClientSampleId :
WC-5

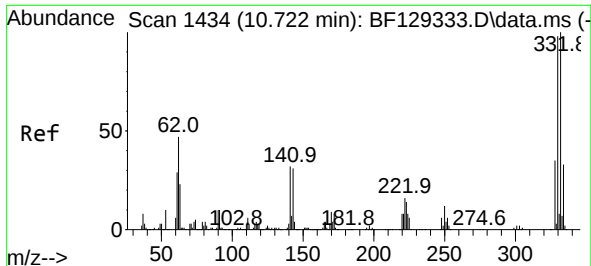
Tgt Ion: 82 Resp: 63853
Ion Ratio Lower Upper
82 100
128 41.0 34.0 51.0
54 51.4 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF129758.D
Acq: 12 Aug 2022 22:39

Tgt Ion: 164 Resp: 195599
Ion Ratio Lower Upper
164 100
162 99.3 79.5 119.3
160 43.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 15.335 ng

RT: 10.669 min Scan# 1434

Delta R.T. -0.000 min

Lab File: BF129758.D

Acq: 12 Aug 2022 22:39

Instrument :

BNA_F

ClientSampleId :

WC-5

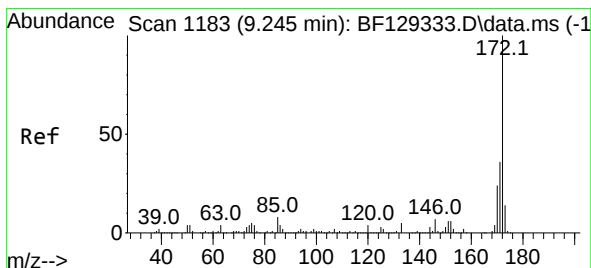
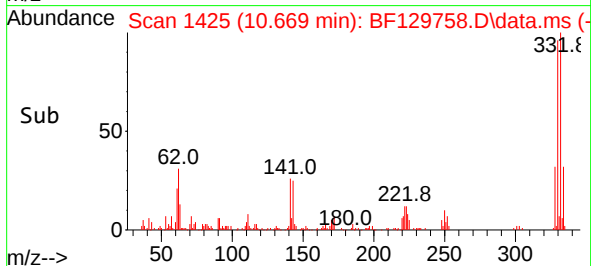
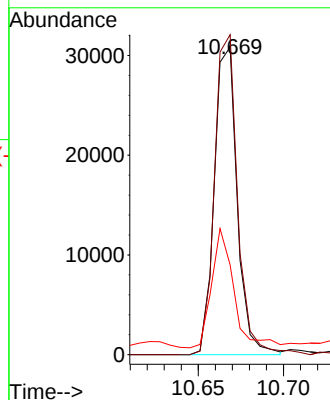
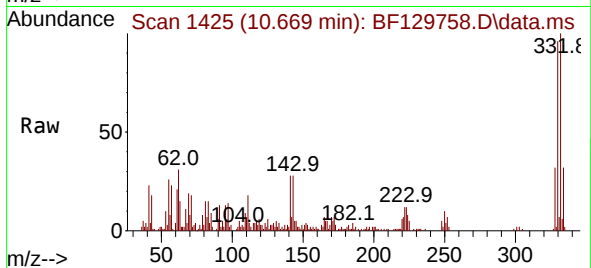
Tgt Ion:330 Resp: 28838

Ion Ratio Lower Upper

330 100

332 104.7 76.8 115.2

141 38.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 9.609 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF129758.D

Acq: 12 Aug 2022 22:39

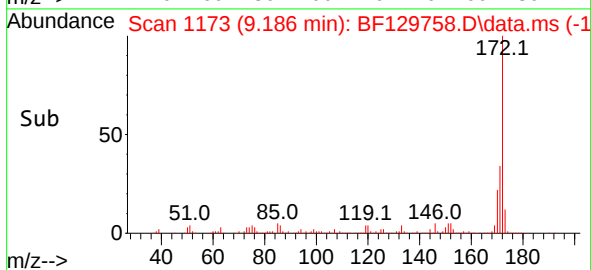
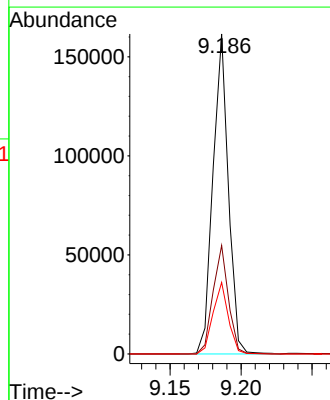
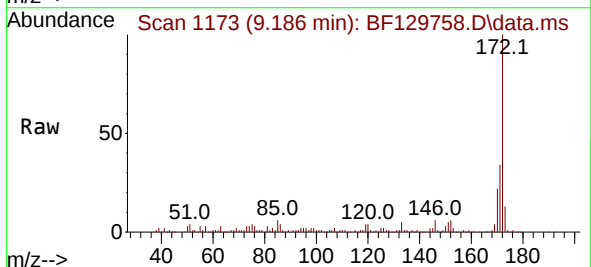
Tgt Ion:172 Resp: 121500

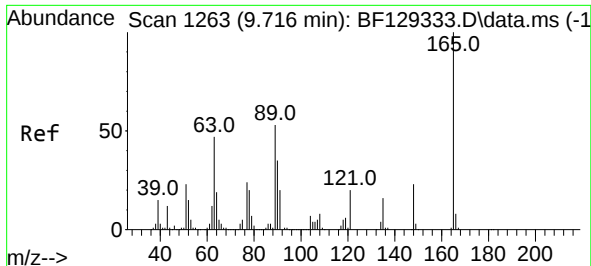
Ion Ratio Lower Upper

172 100

171 33.9 28.8 43.2

170 22.4 19.8 29.8

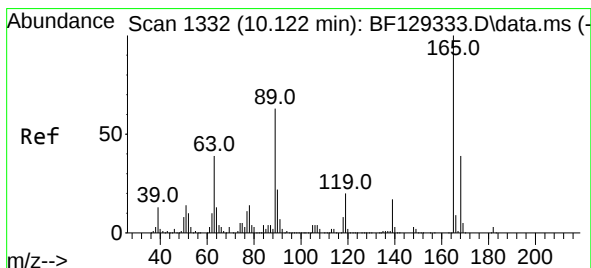
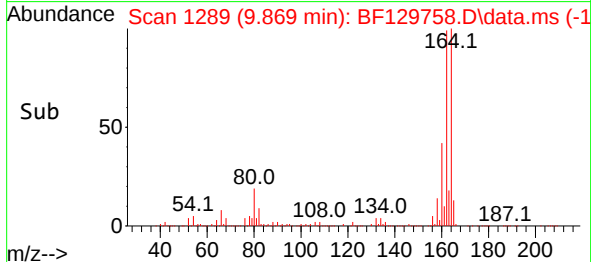
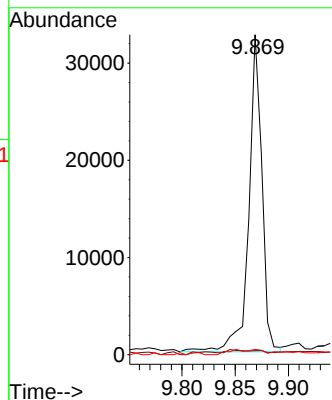
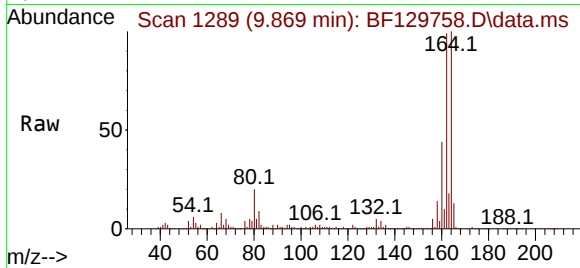




#51
2,6-Dinitrotoluene
Concen: 9.269 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.206 min
Lab File: BF129758.D
Acq: 12 Aug 2022 22:39

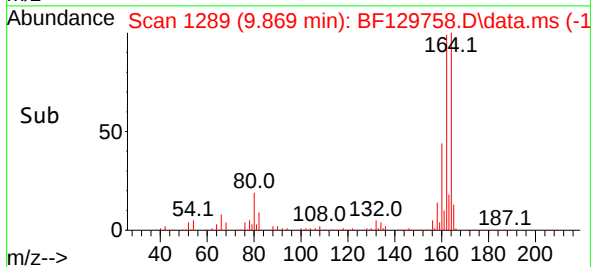
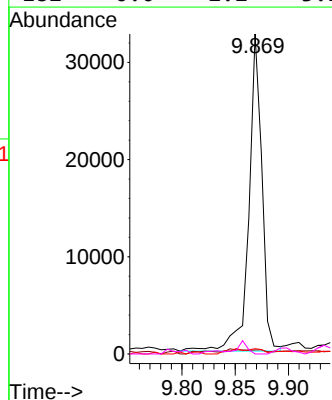
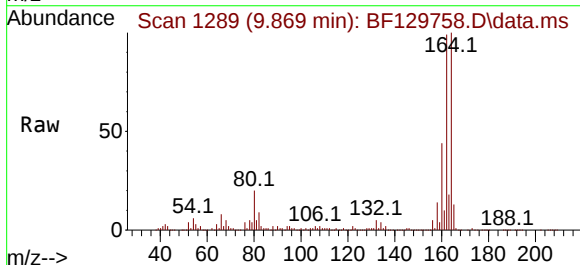
Instrument :
BNA_F
ClientSampleId :
WC-5

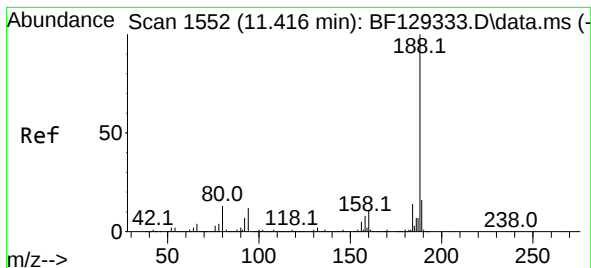
Tgt Ion:165 Resp: 28012
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.7 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.095 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.200 min
Lab File: BF129758.D
Acq: 12 Aug 2022 22:39

Tgt Ion:165 Resp: 28012
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.7 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129758.D

Acq: 12 Aug 2022 22:39

Instrument :

BNA_F

ClientSampleId :

WC-5

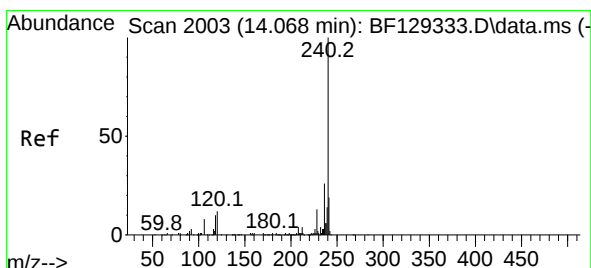
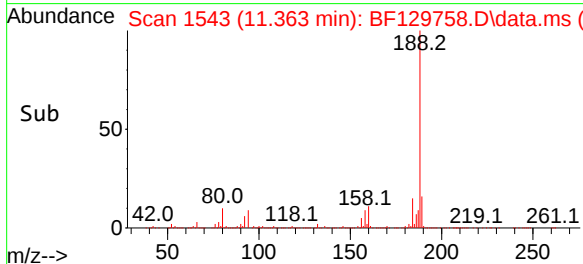
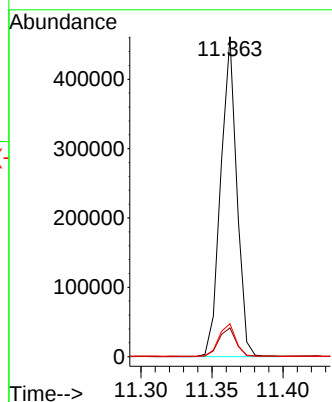
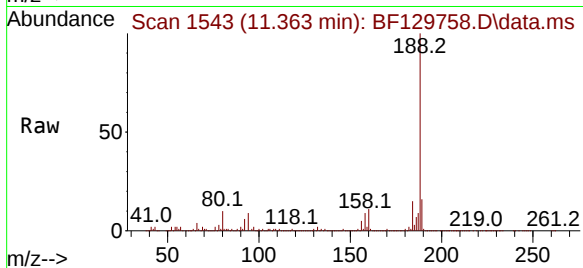
Tgt Ion:188 Resp: 363301

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

80 10.3 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 1994

Delta R.T. 0.006 min

Lab File: BF129758.D

Acq: 12 Aug 2022 22:39

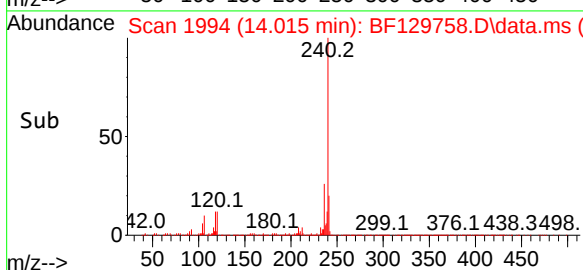
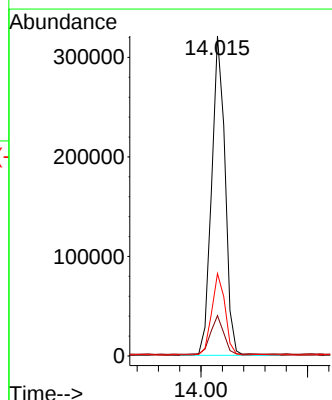
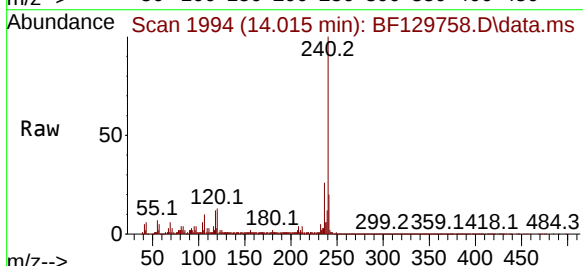
Tgt Ion:240 Resp: 281193

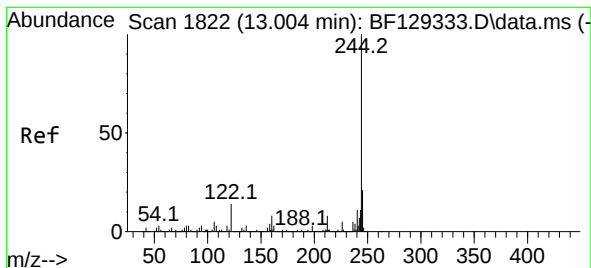
Ion Ratio Lower Upper

240 100

120 12.6 8.9 13.3

236 25.7 20.8 31.2





#79

Terphenyl-d14

Concen: 10.263 ng

RT: 12.957 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF129758.D

Acq: 12 Aug 2022 22:39

Instrument :

BNA_F

ClientSampleId :

WC-5

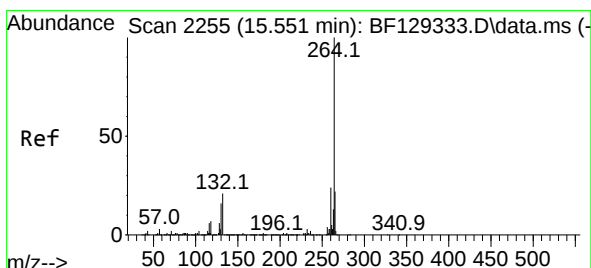
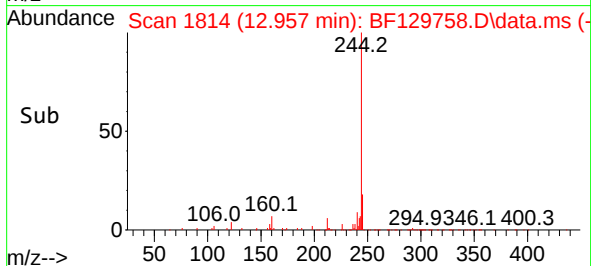
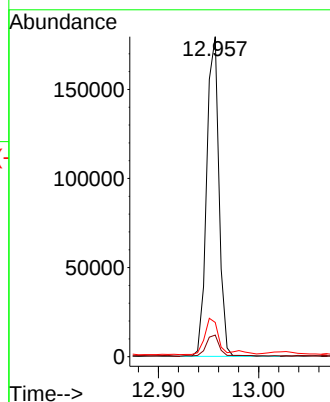
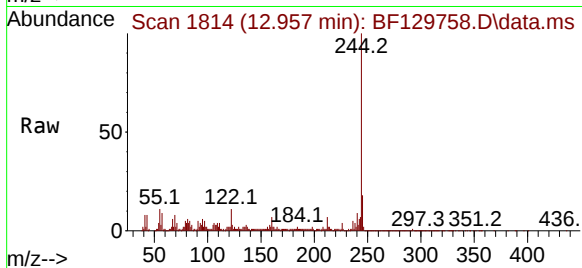
Tgt Ion:244 Resp: 152974

Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

122 10.7 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2245

Delta R.T. 0.012 min

Lab File: BF129758.D

Acq: 12 Aug 2022 22:39

Tgt Ion:264 Resp: 206875

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 22.4 17.2 25.8

