

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129608.D
 Acq On : 05 Aug 2022 19:32
 Operator : CG\JU
 Sample : N4023-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-1-6

Quant Time: Aug 08 02:00:41 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 05 16:27:34 2022
 Response via : Initial Calibration

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

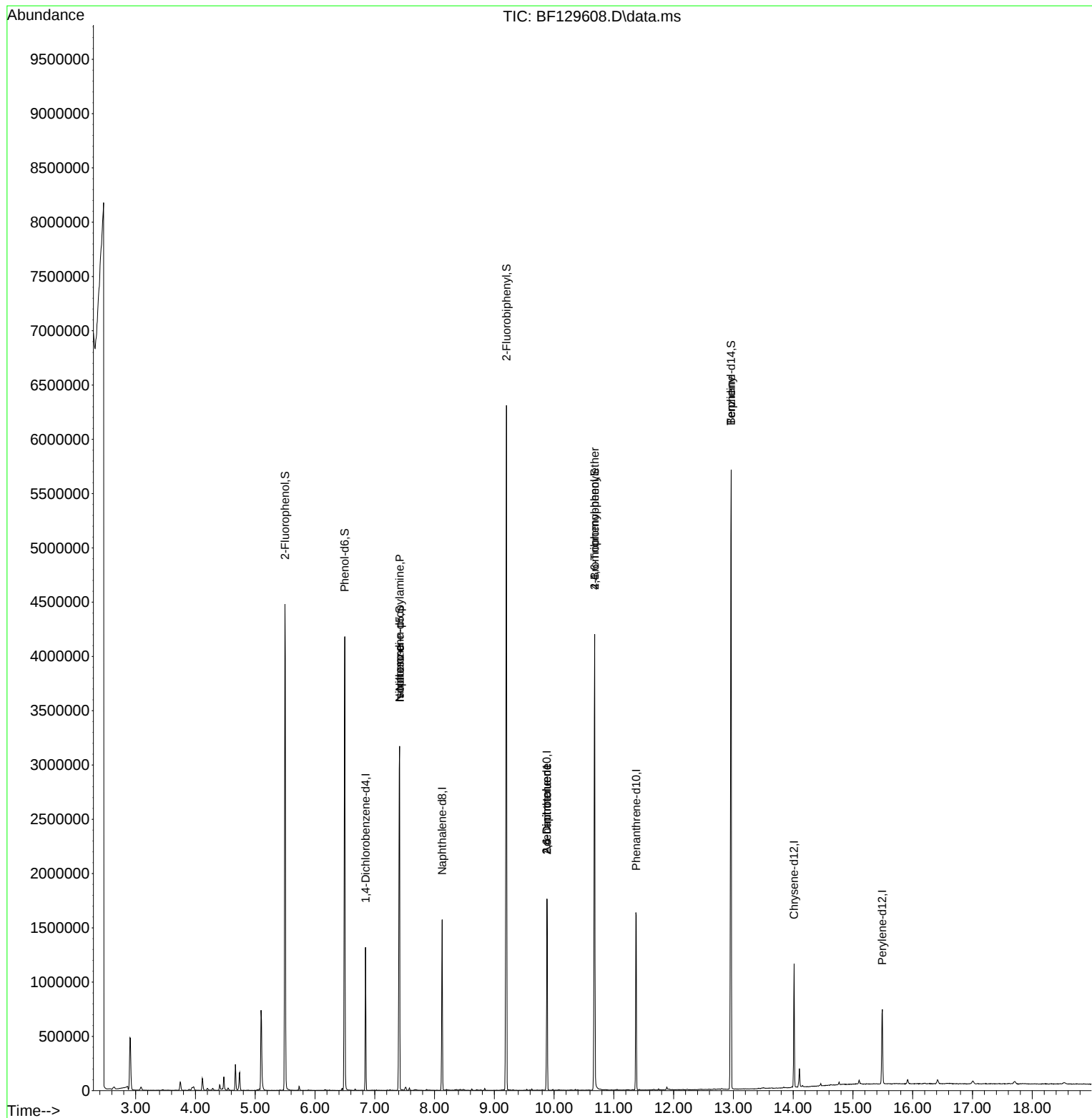
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	173845	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	696826	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	369701	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	618232	20.000	ng	0.00
76) Chrysene-d12	14.016	240	347382	20.000	ng	-0.01
86) Perylene-d12	15.492	264	289667	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1281477	120.080	ng	0.02
7) Phenol-d6	6.498	99	1419415	105.816	ng	0.00
23) Nitrobenzene-d5	7.416	82	1177678	92.258	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	528532	148.698	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2053339	85.918	ng	0.00
79) Terphenyl-d14	12.963	244	2042528	110.927	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	158854	19.562	ng	# 72
25) Isophorone	7.416	82	1173691	51.295	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	48185	8.435	ng	# 25
57) 2,4-Dinitrotoluene	9.880	165	48185	6.457	ng	# 21
67) 4-Bromophenyl-phenylether	10.680	248	33283	4.916	ng	# 1
77) Benzidine	12.963	184	28446	2.318	ng	# 93

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

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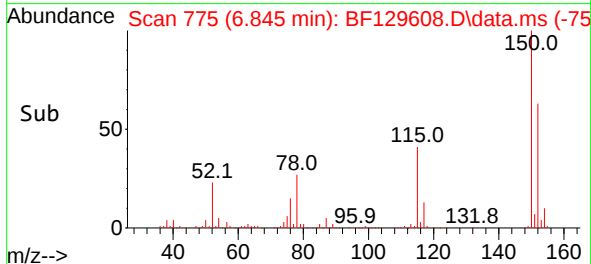
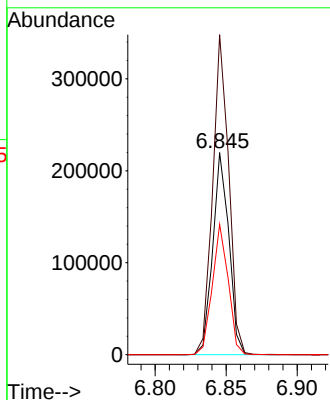
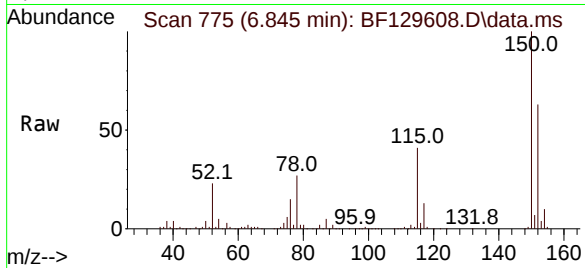




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129608.D
 Acq: 05 Aug 2022 19:32

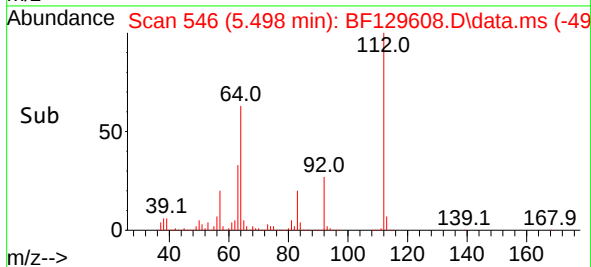
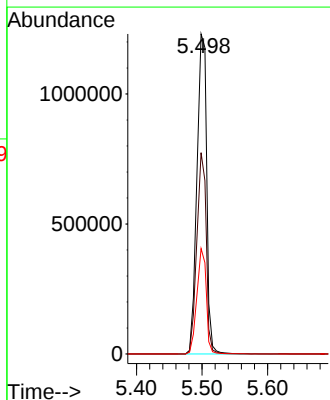
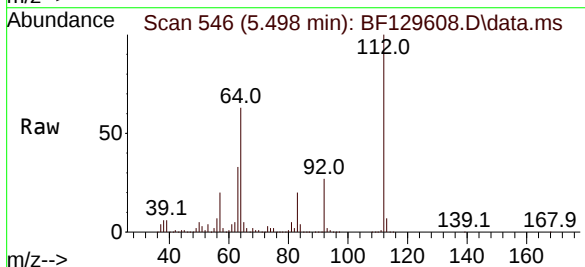
Instrument :
 BNA_F
 ClientSampleId :
 TP3-1-6

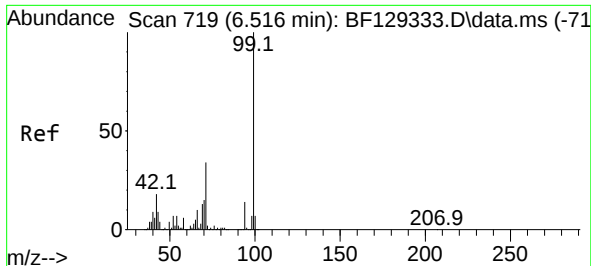
Tgt Ion:152 Resp: 173845
 Ion Ratio Lower Upper
 152 100
 150 158.3 123.7 185.5
 115 64.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 120.080 ng
 RT: 5.498 min Scan# 546
 Delta R.T. 0.018 min
 Lab File: BF129608.D
 Acq: 05 Aug 2022 19:32

Tgt Ion:112 Resp: 1281477
 Ion Ratio Lower Upper
 112 100
 64 62.9 53.3 79.9
 63 33.0 28.0 42.0

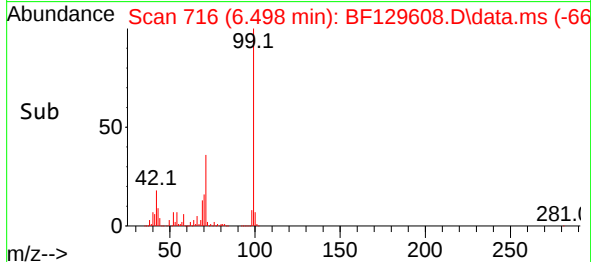
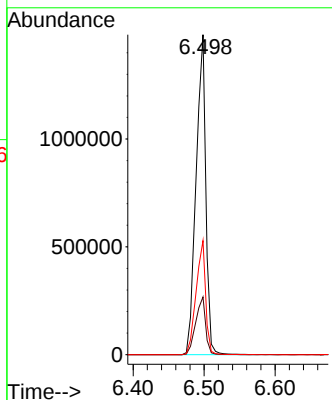
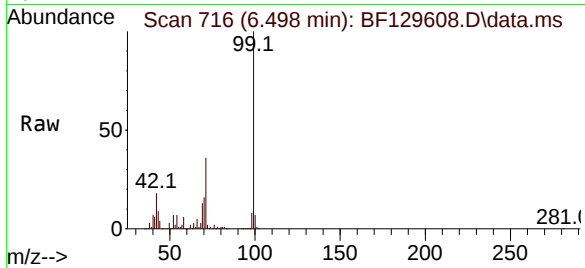




#7
Phenol-d6
Concen: 105.816 ng
RT: 6.498 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129608.D
Acq: 05 Aug 2022 19:32

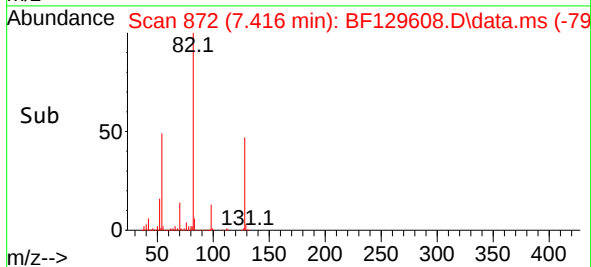
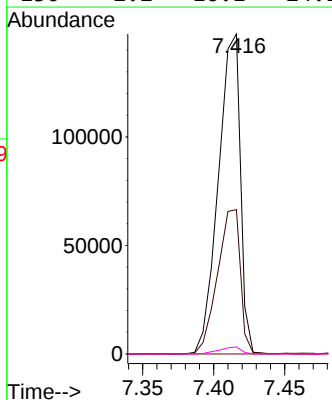
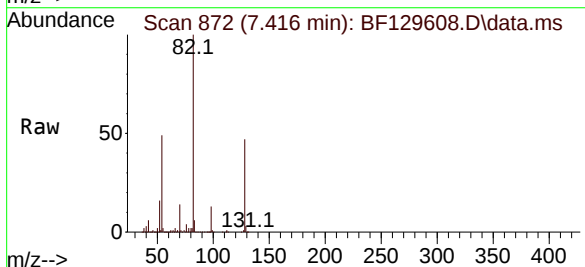
Instrument :
BNA_F
ClientSampleId :
TP3-1-6

Tgt Ion: 99 Resp: 1419415
Ion Ratio Lower Upper
99 100
42 18.1 17.3 25.9
71 35.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.562 ng
RT: 7.416 min Scan# 872
Delta R.T. 0.147 min
Lab File: BF129608.D
Acq: 05 Aug 2022 19:32

Tgt Ion: 70 Resp: 158854
Ion Ratio Lower Upper
70 100
42 45.1 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#



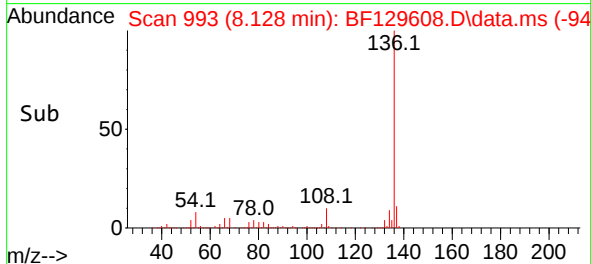
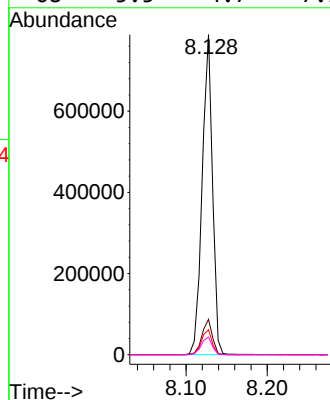
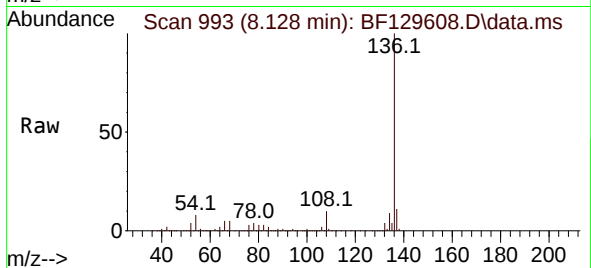


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129608.D
Acq: 05 Aug 2022 19:32

Instrument :
BNA_F
ClientSampleId :
TP3-1-6

Tgt Ion:136 Resp: 696826

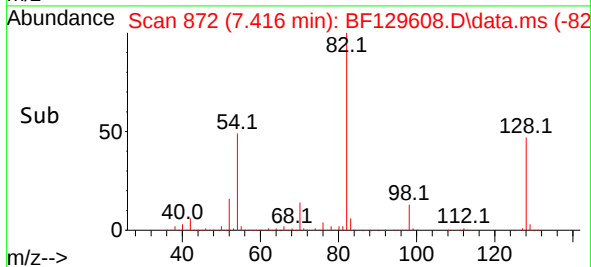
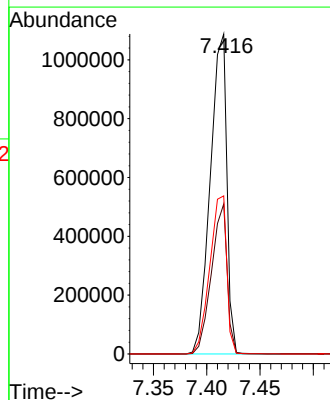
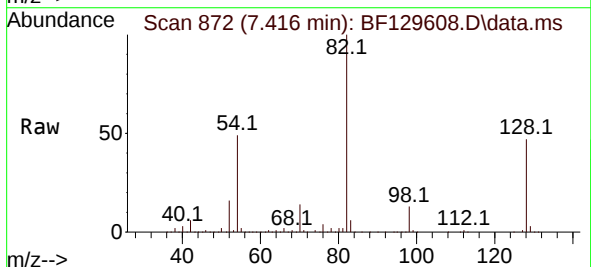
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.8	7.5	11.3
68	5.5	4.7	7.1



#23
Nitrobenzene-d5
Concen: 92.258 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF129608.D
Acq: 05 Aug 2022 19:32

Tgt Ion: 82 Resp: 1177678

Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	49.4	46.9	70.3





#25

Isophorone

Concen: 51.295 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.265 min

Lab File: BF129608.D

Acq: 05 Aug 2022 19:32

Instrument :

BNA_F

ClientSampleId :

TP3-1-6

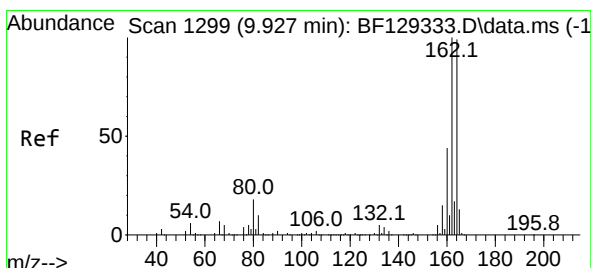
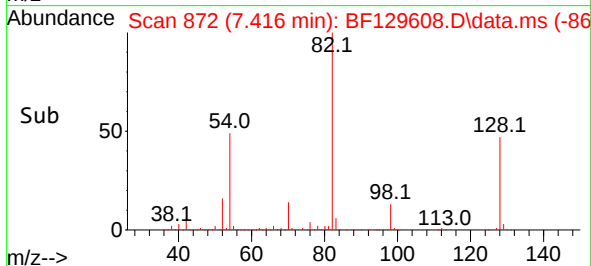
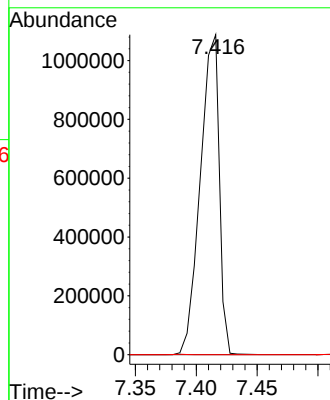
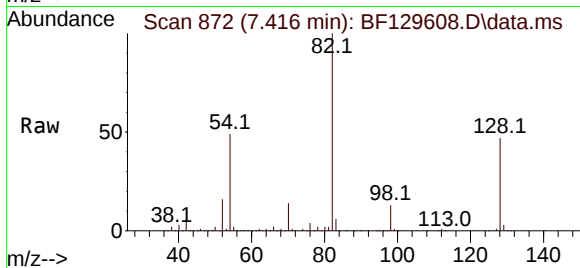
Tgt Ion: 82 Resp: 1173691

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1291

Delta R.T. -0.012 min

Lab File: BF129608.D

Acq: 05 Aug 2022 19:32

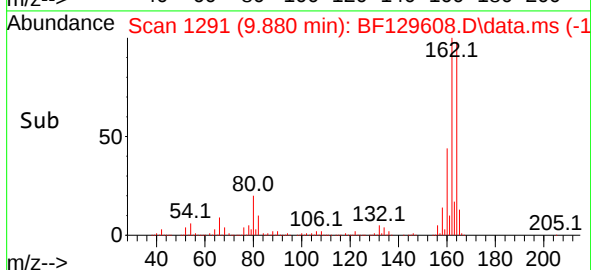
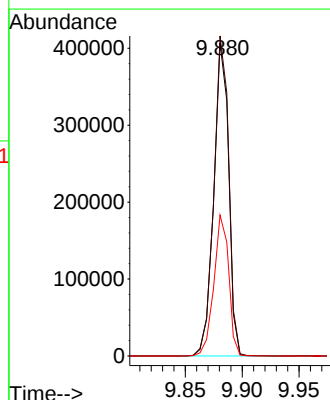
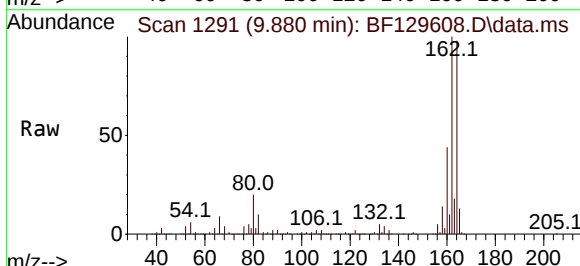
Tgt Ion:164 Resp: 369701

Ion Ratio Lower Upper

164 100

162 102.2 79.5 119.3

160 45.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 148.698 ng

RT: 10.680 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129608.D

Acq: 05 Aug 2022 19:32

Instrument :

BNA_F

ClientSampleId :

TP3-1-6

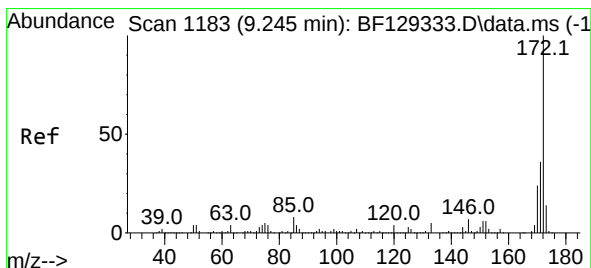
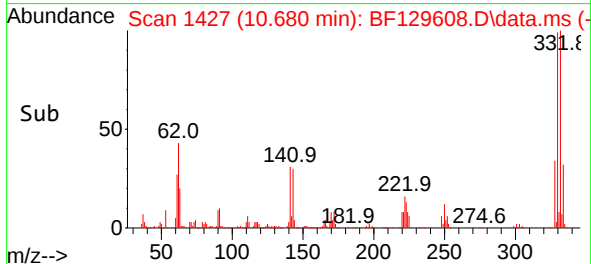
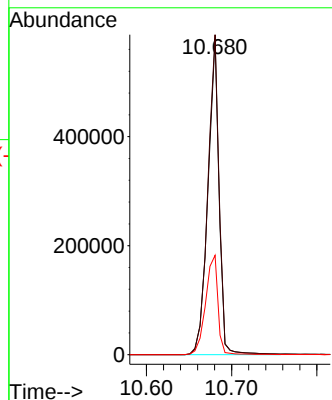
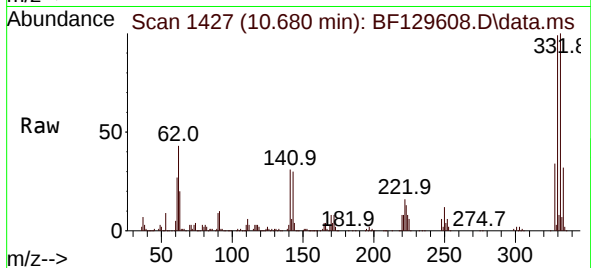
Tgt Ion:330 Resp: 528532

Ion Ratio Lower Upper

330 100

332 103.1 76.8 115.2

141 34.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 85.918 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF129608.D

Acq: 05 Aug 2022 19:32

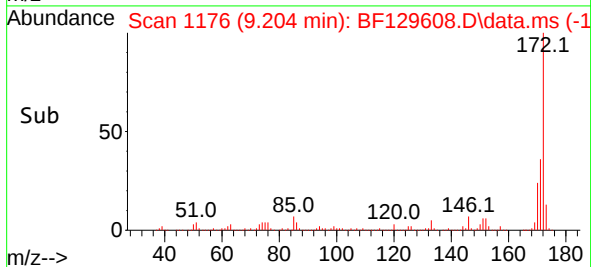
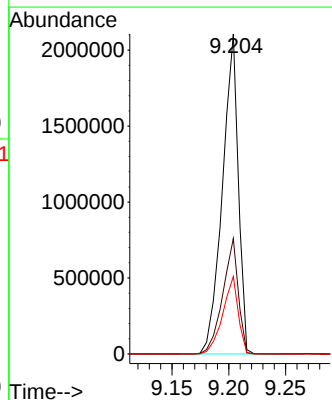
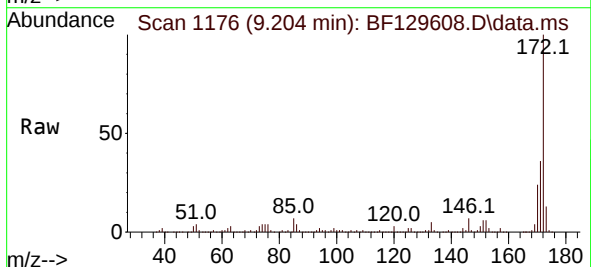
Tgt Ion:172 Resp: 2053339

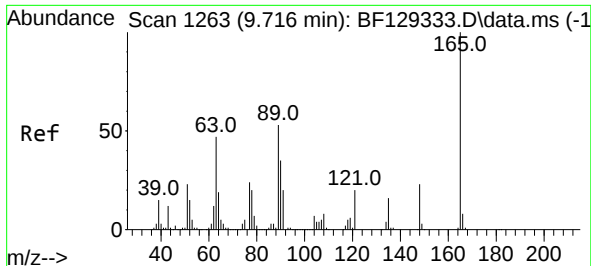
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.2 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.435 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF129608.D

Acq: 05 Aug 2022 19:32

Instrument :

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TP3-1-6

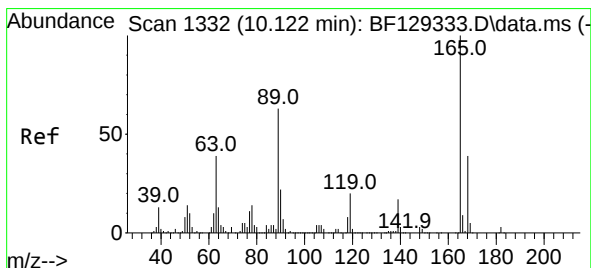
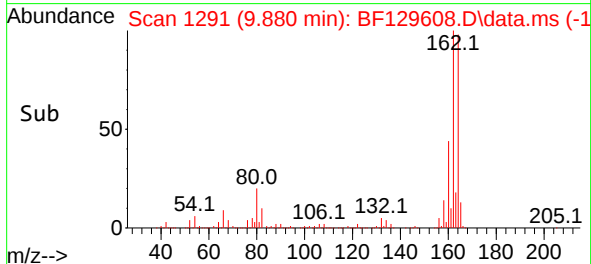
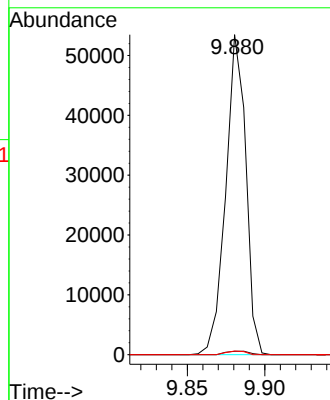
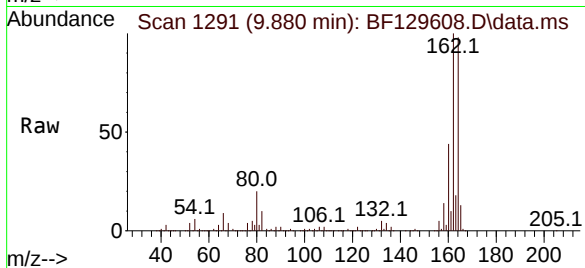
Tgt Ion:165 Resp: 48185

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.1 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.457 ng

RT: 9.880 min Scan# 1291

Delta R.T. -0.206 min

Lab File: BF129608.D

Acq: 05 Aug 2022 19:32

Tgt Ion:165 Resp: 48185

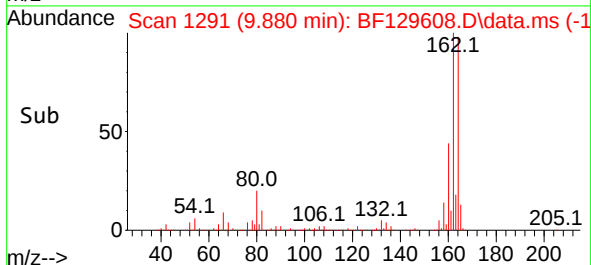
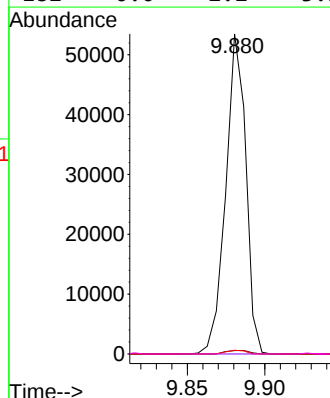
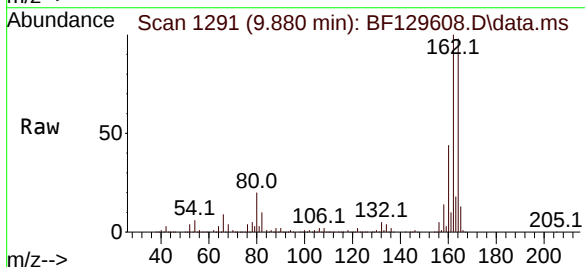
Ion Ratio Lower Upper

165 100

63 1.0 39.8 59.6#

89 1.1 60.2 90.2#

182 0.0 2.2 3.2#

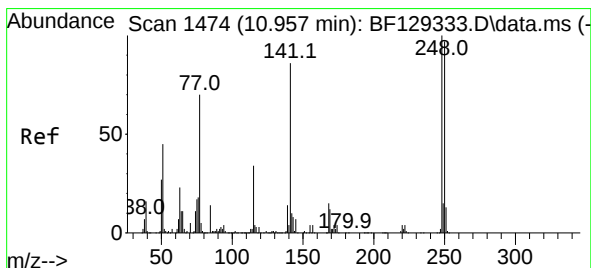
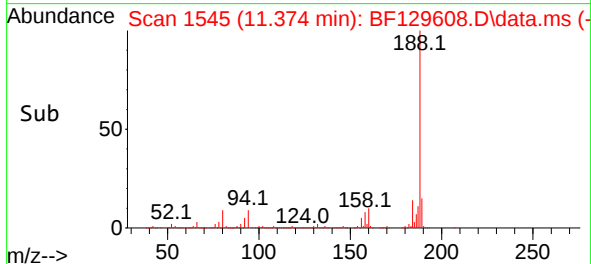
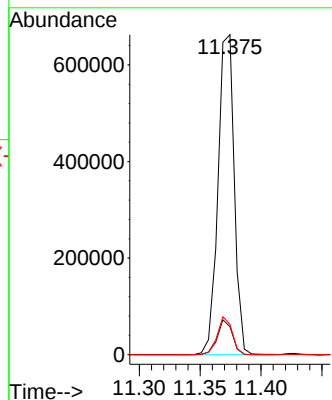
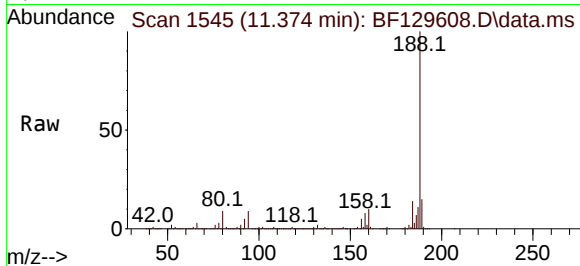




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129608.D
Acq: 05 Aug 2022 19:32

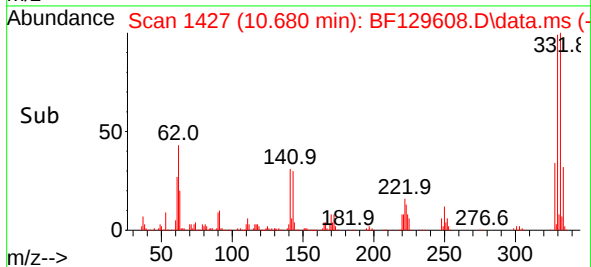
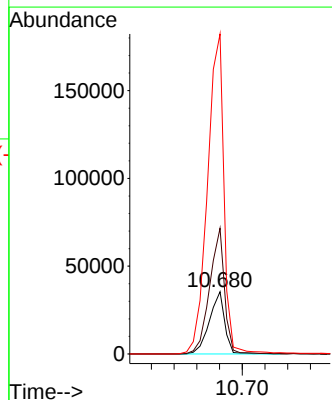
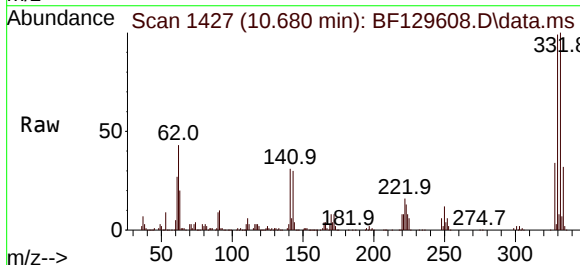
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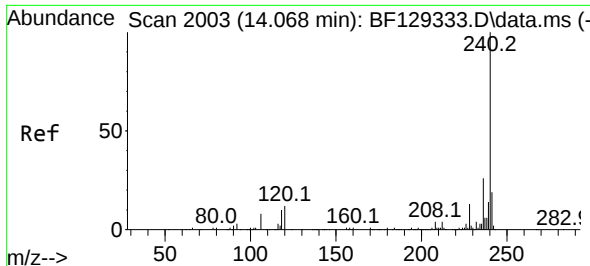
Tgt Ion:188 Resp: 618232
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.5 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.916 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.241 min
Lab File: BF129608.D
Acq: 05 Aug 2022 19:32

Tgt Ion:248 Resp: 33283
Ion Ratio Lower Upper
248 100
250 202.0 80.6 120.8#
141 513.6 58.9 88.3#

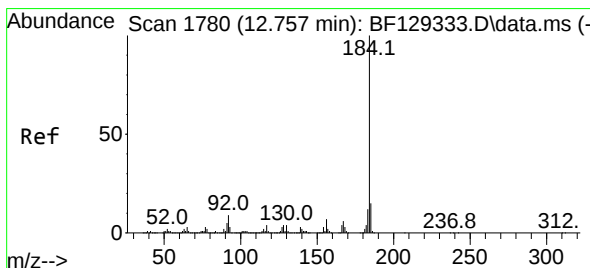
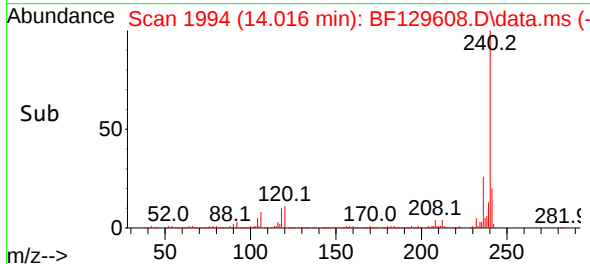
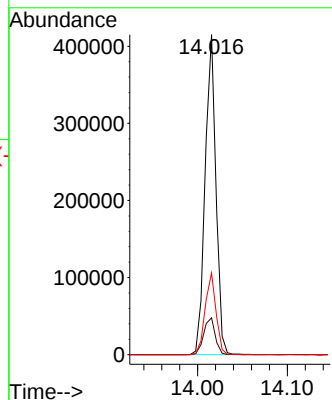
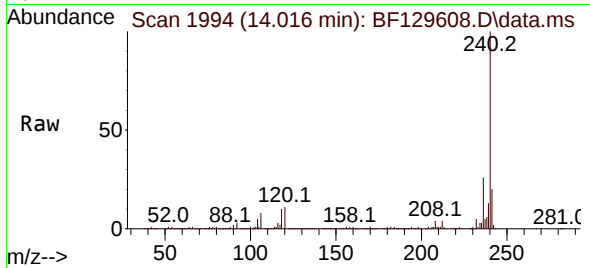




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129608.D
Acq: 05 Aug 2022 19:32

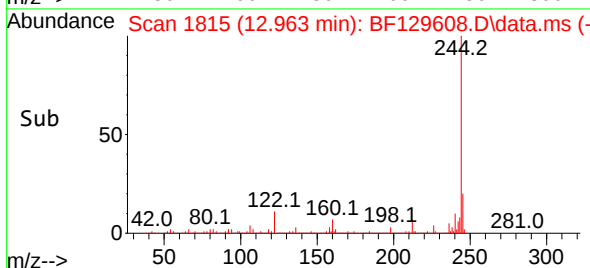
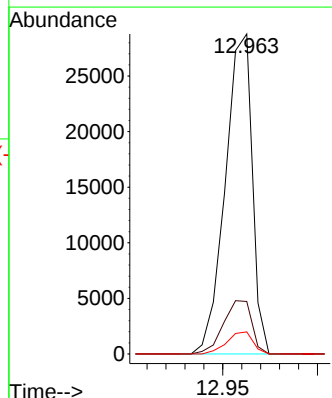
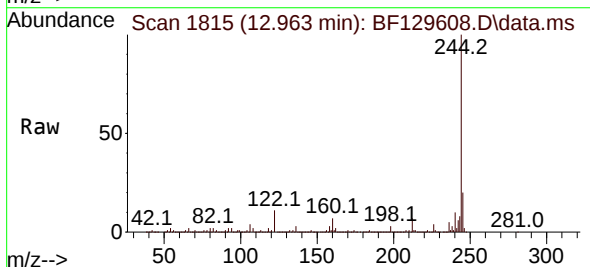
Instrument :
BNA_F
ClientSampleId :
TP3-1-6

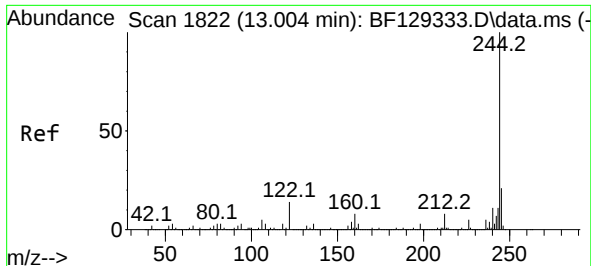
Tgt Ion:240 Resp: 347382
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 25.6 20.8 31.2



#77
Benzidine
Concen: 2.318 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF129608.D
Acq: 05 Aug 2022 19:32

Tgt Ion:184 Resp: 28446
Ion Ratio Lower Upper
184 100
185 16.4 11.9 17.9
183 6.9 9.3 13.9#

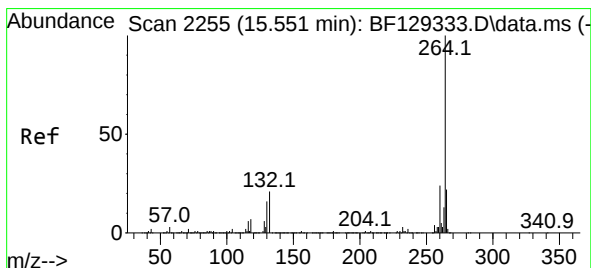
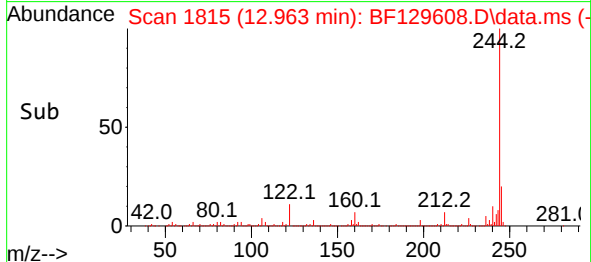
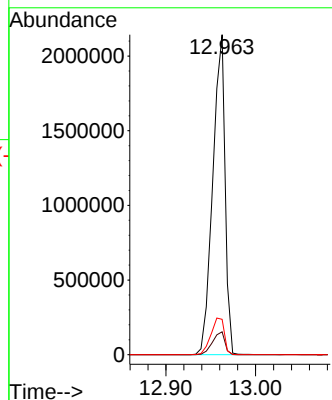
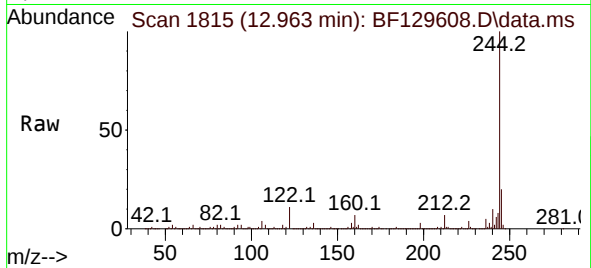




#79
 Terphenyl-d14
 Concen: 110.927 ng
 RT: 12.963 min Scan# 1822
 Delta R.T. -0.006 min
 Lab File: BF129608.D
 Acq: 05 Aug 2022 19:32

Instrument :
 BNA_F
 ClientSampleId :
 TP3-1-6

Tgt Ion:244 Resp: 2042528
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 11.1 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: BF129608.D
 Acq: 05 Aug 2022 19:32

Tgt Ion:264 Resp: 289667
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 21.4 17.2 25.8

