

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129637.D
 Acq On : 08 Aug 2022 18:11
 Operator : CG\JU
 Sample : PB146732TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146732TB

Quant Time: Aug 09 00:33:35 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)

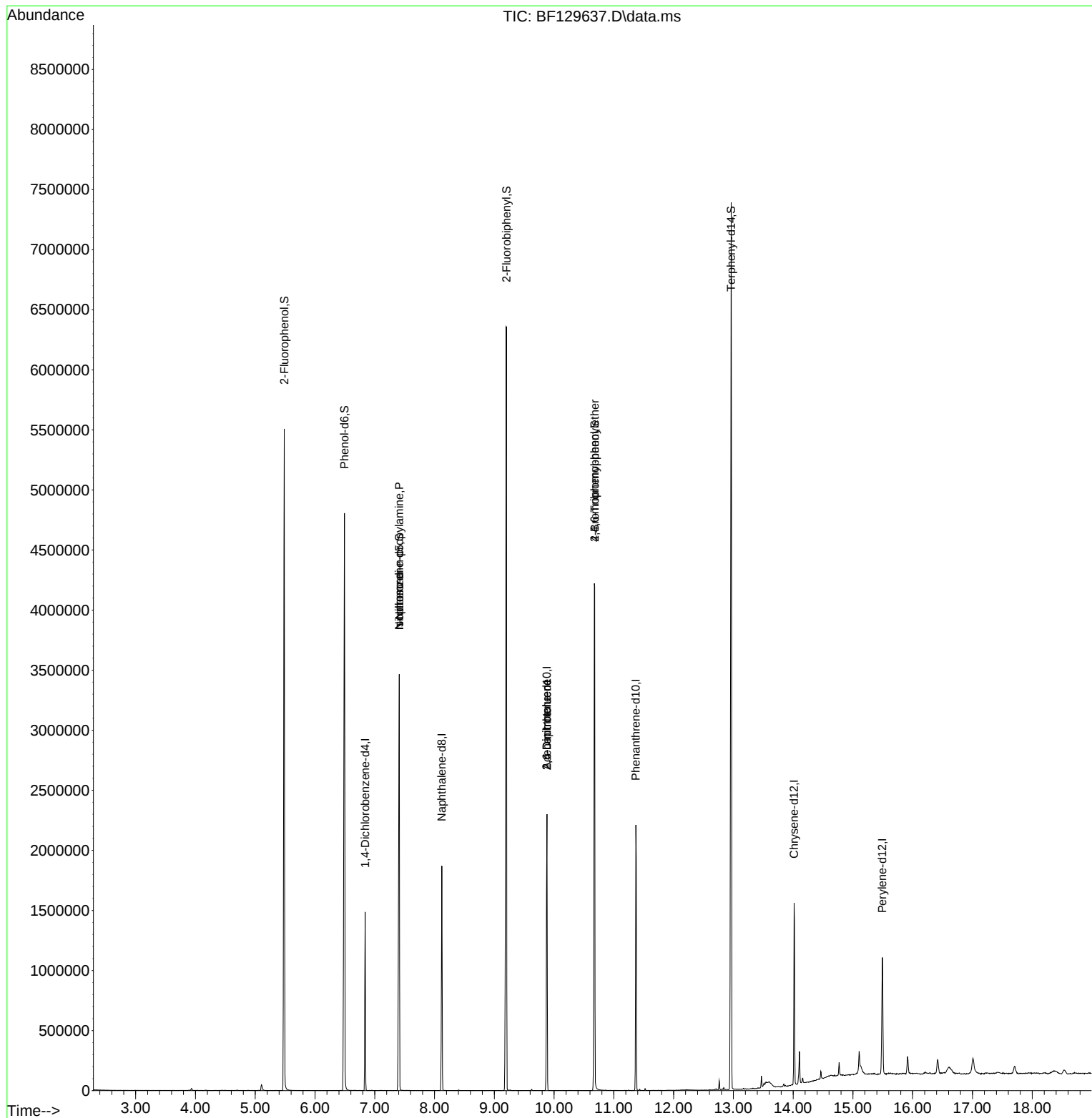
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	198519	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	820312	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	453508	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	799911	20.000	ng	#-0.01
76) Chrysene-d12	14.016	240	505429	20.000	ng	#-0.01
86) Perylene-d12	15.492	264	402328	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1516543	124.444	ng	0.00
7) Phenol-d6	6.493	99	1935773	126.374	ng	-0.01
23) Nitrobenzene-d5	7.410	82	1289109	85.785	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	586290	134.466	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2411309	82.252	ng	0.00
79) Terphenyl-d14	12.963	244	2712556	101.250	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	169974	18.330	ng	# 73
25) Isophorone	7.410	82	1282490	47.612	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	59201	8.449	ng	# 25
57) 2,4-Dinitrotoluene	9.881	165	59201	6.467	ng	# 21
67) 4-Bromophenyl-phenylether	10.680	248	36858	4.208	ng	# 1

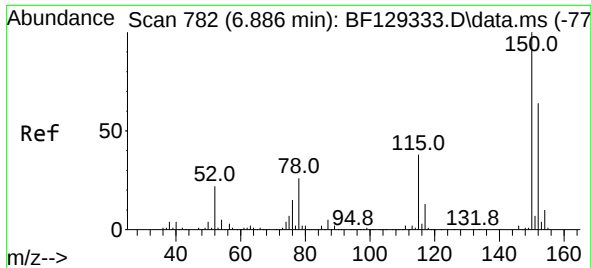
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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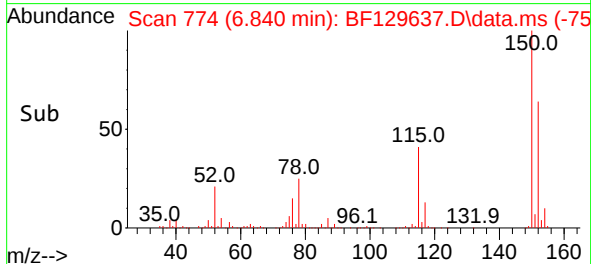
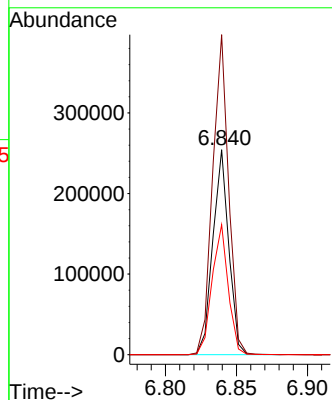
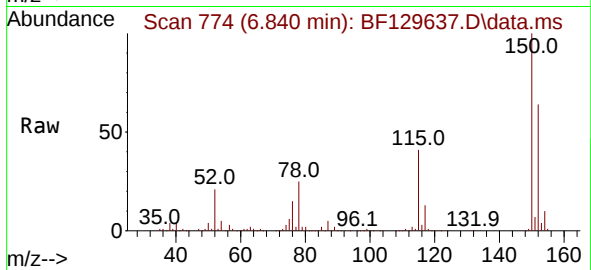




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF129637.D
 Acq: 08 Aug 2022 18:11

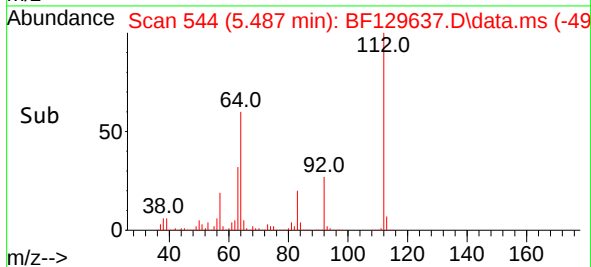
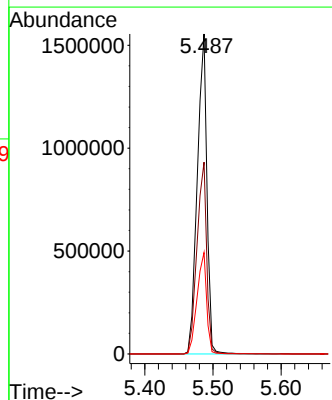
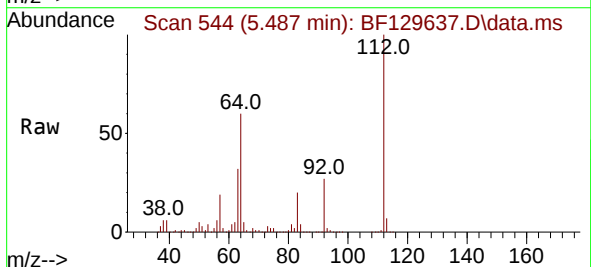
Instrument :
 BNA_F
 ClientSampleId :
 PB146732TB

Tgt Ion:152 Resp: 198519
 Ion Ratio Lower Upper
 152 100
 150 156.1 123.7 185.5
 115 63.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 124.444 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.006 min
 Lab File: BF129637.D
 Acq: 08 Aug 2022 18:11

Tgt Ion:112 Resp: 1516543
 Ion Ratio Lower Upper
 112 100
 64 60.0 53.3 79.9
 63 31.7 28.0 42.0



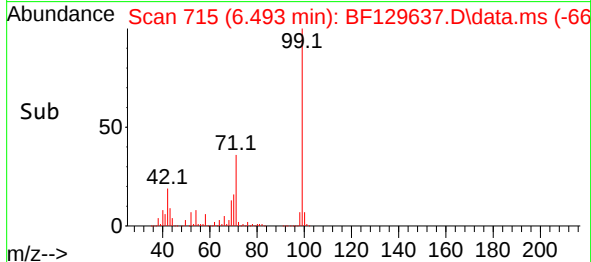
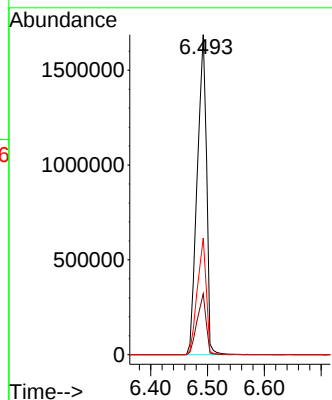
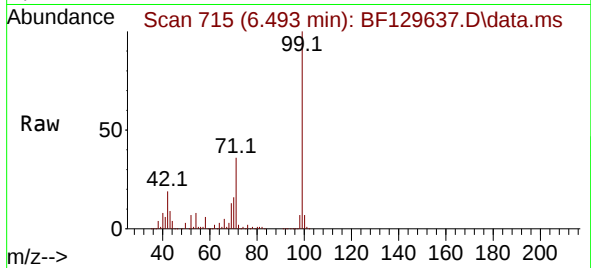


#7
Phenol-d6
Concen: 126.374 ng
RT: 6.493 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129637.D
Acq: 08 Aug 2022 18:11

Instrument :
BNA_F
ClientSampleId :
PB146732TB

Tgt Ion: 99 Resp: 1935773

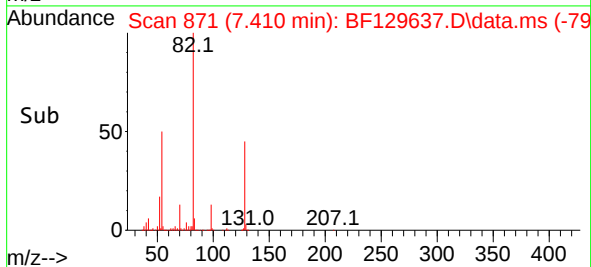
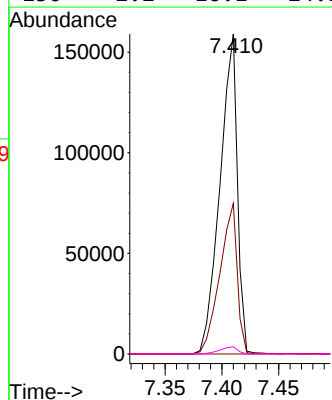
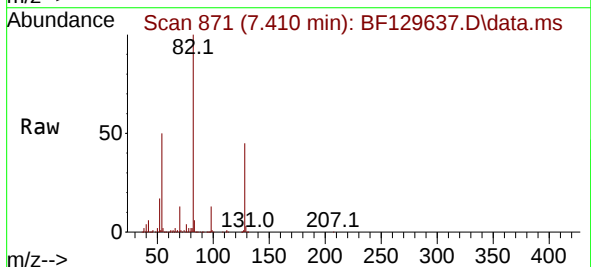
Ion	Ratio	Lower	Upper
99	100		
42	19.1	17.3	25.9
71	36.5	28.9	43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.330 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF129637.D
Acq: 08 Aug 2022 18:11

Tgt Ion: 70 Resp: 169974

Ion	Ratio	Lower	Upper
70	100		
42	47.1	52.3	78.5#
101	0.0	7.5	11.3#
130	2.2	16.1	24.1#

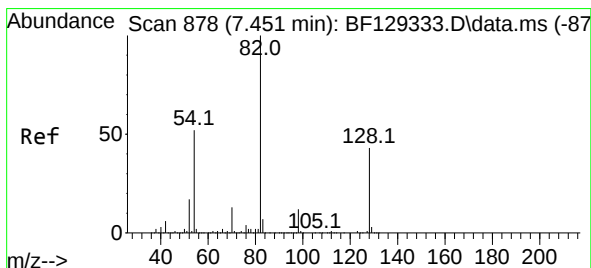
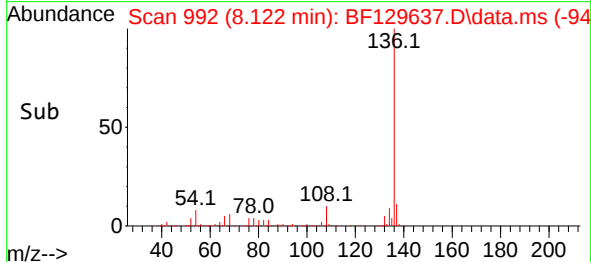
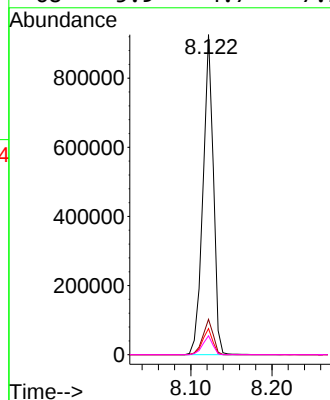
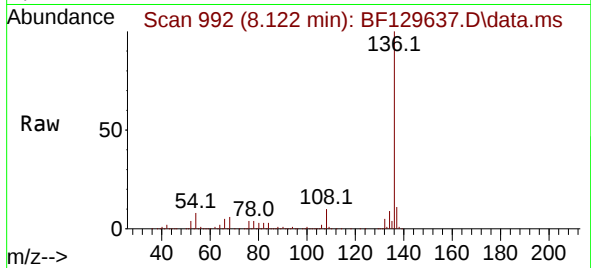




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129637.D
Acq: 08 Aug 2022 18:11

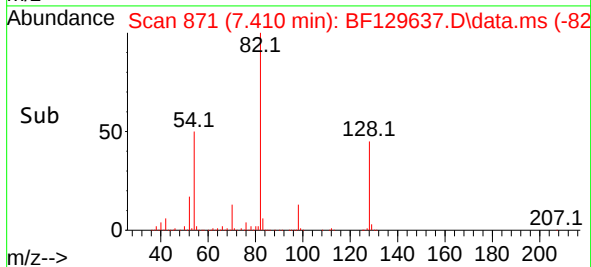
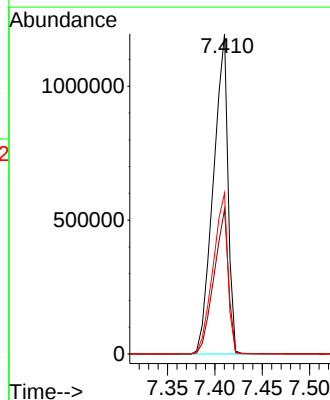
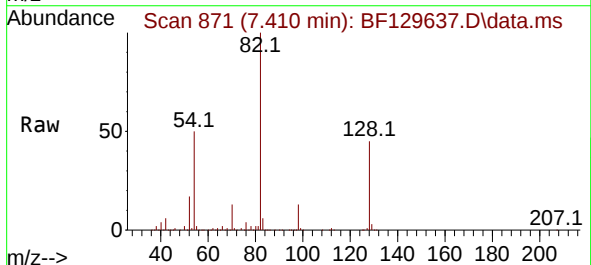
Instrument :
BNA_F
ClientSampleId :
PB146732TB

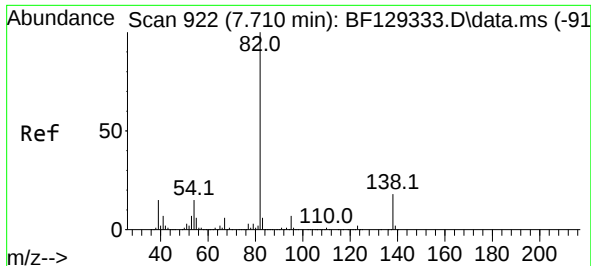
Tgt Ion:136 Resp: 820312
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.1 7.5 11.3
68 5.9 4.7 7.1



#23
Nitrobenzene-d5
Concen: 85.785 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF129637.D
Acq: 08 Aug 2022 18:11

Tgt Ion: 82 Resp: 1289109
Ion Ratio Lower Upper
82 100
128 45.2 34.0 51.0
54 50.3 46.9 70.3

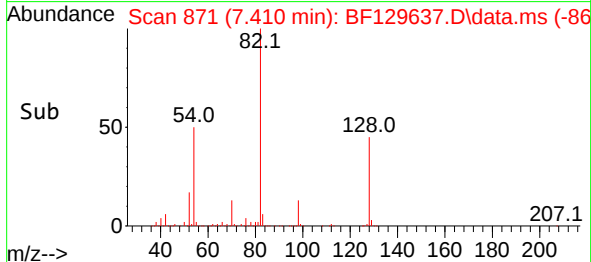
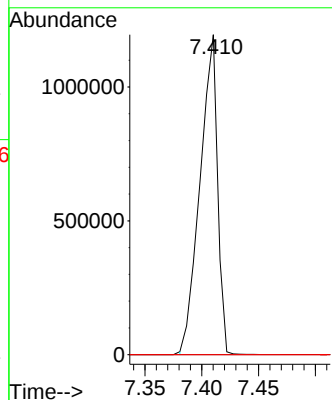
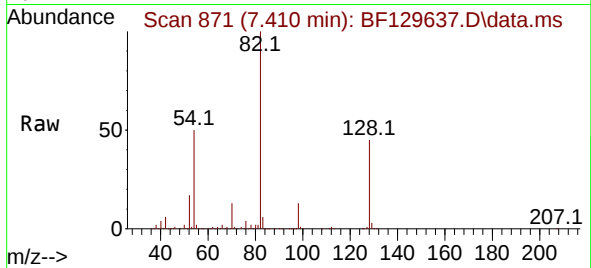




#25
Isophorone
Concen: 47.612 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129637.D
Acq: 08 Aug 2022 18:11

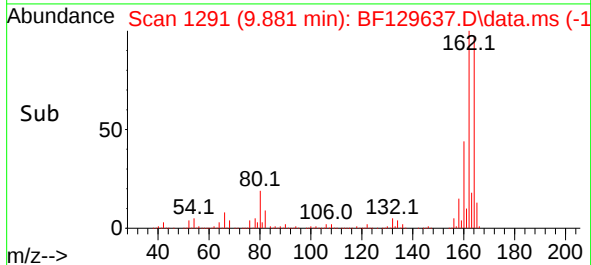
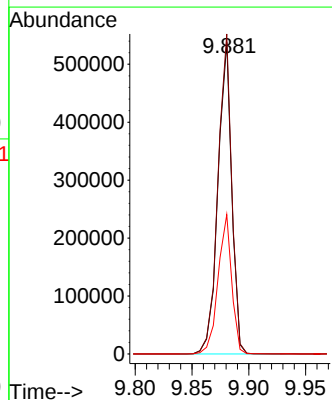
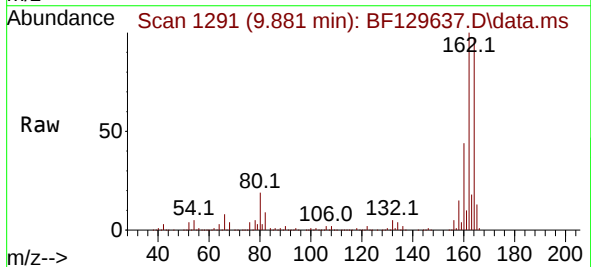
Instrument :
BNA_F
ClientSampleId :
PB146732TB

Tgt Ion: 82 Resp: 1282490
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: 9.881 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129637.D
Acq: 08 Aug 2022 18:11

Tgt Ion: 164 Resp: 453508
Ion Ratio Lower Upper
164 100
162 102.7 79.5 119.3
160 44.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 134.466 ng

RT: 10.680 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129637.D

Acq: 08 Aug 2022 18:11

Instrument :

BNA_F

ClientSampleId :

PB146732TB

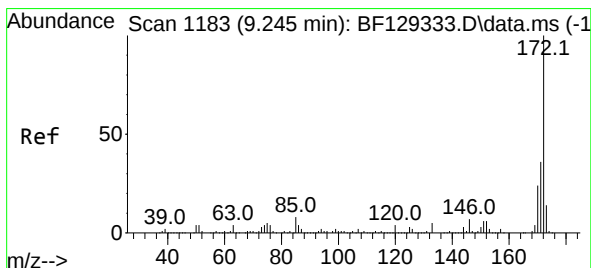
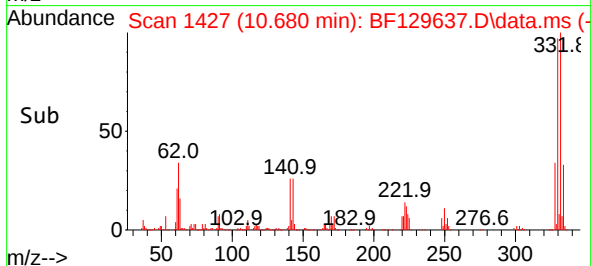
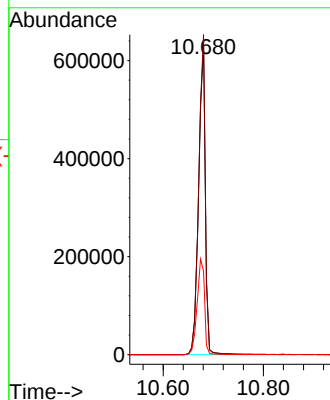
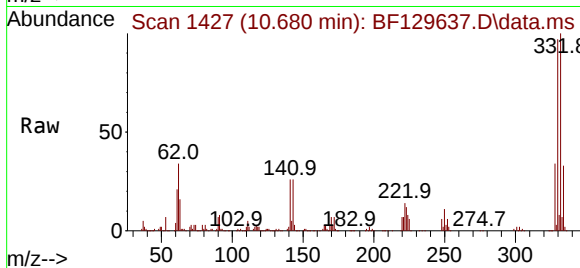
Tgt Ion:330 Resp: 586290

Ion Ratio Lower Upper

330 100

332 102.1 76.8 115.2

141 34.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 82.252 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF129637.D

Acq: 08 Aug 2022 18:11

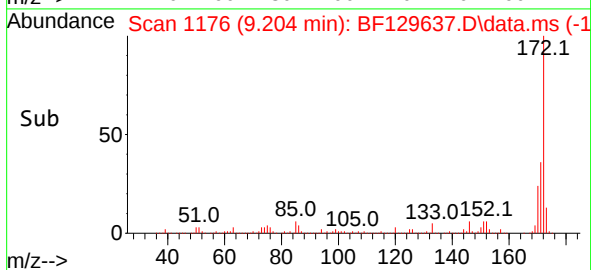
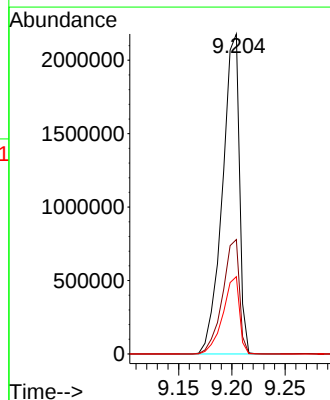
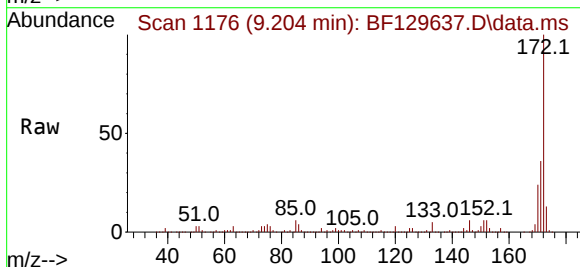
Tgt Ion:172 Resp: 2411309

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.2 19.8 29.8

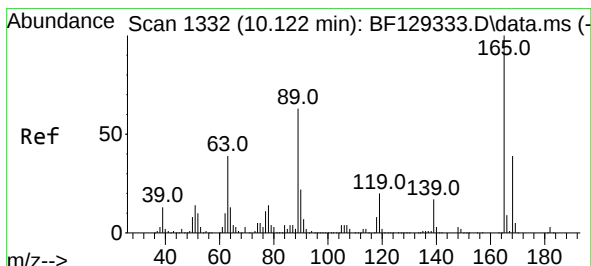
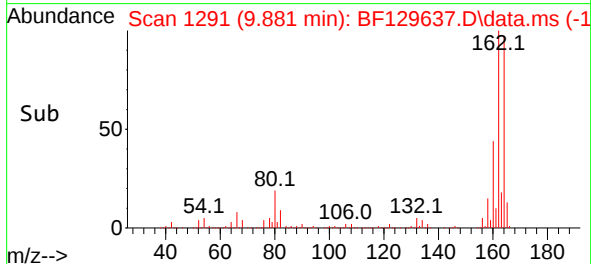
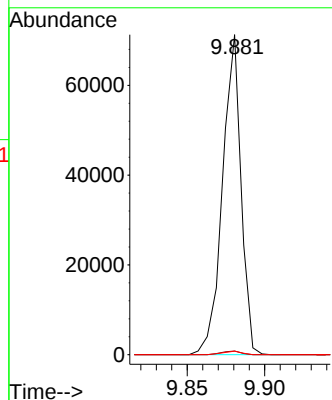
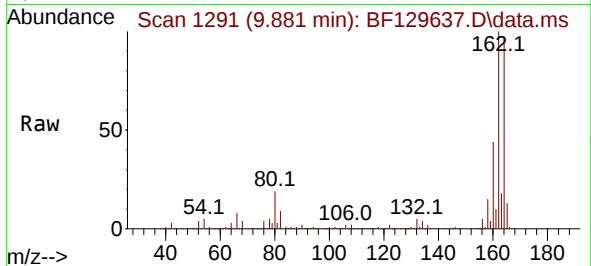




#51
2,6-Dinitrotoluene
Concen: 8.449 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF129637.D
Acq: 08 Aug 2022 18:11

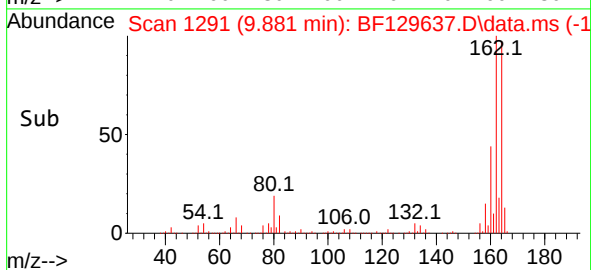
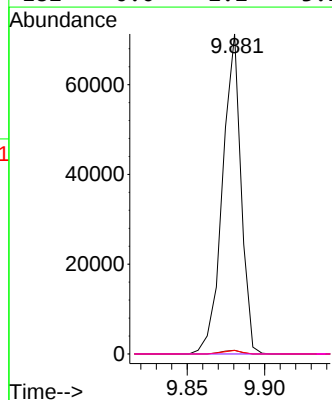
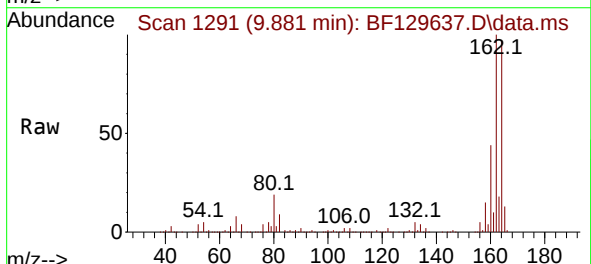
Instrument :
BNA_F
ClientSampleId :
PB146732TB

Tgt Ion:165 Resp: 59201
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.467 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.206 min
Lab File: BF129637.D
Acq: 08 Aug 2022 18:11

Tgt Ion:165 Resp: 59201
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#

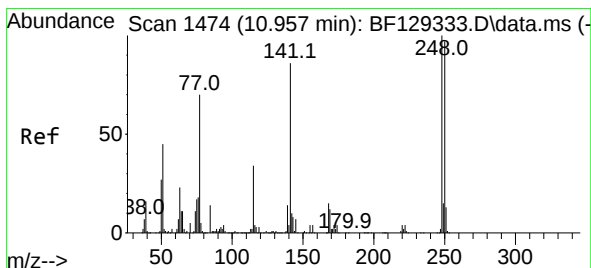
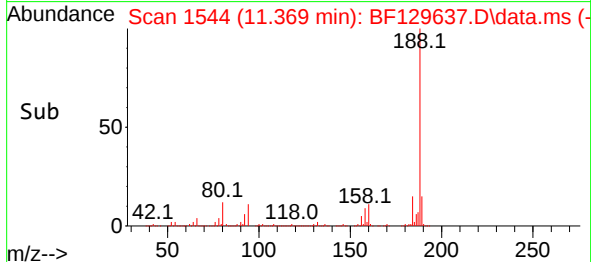
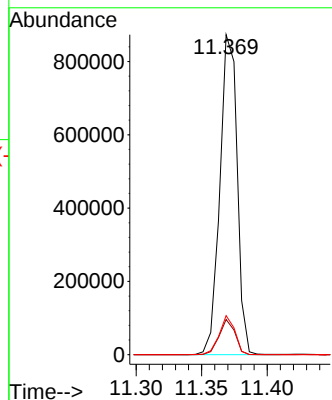
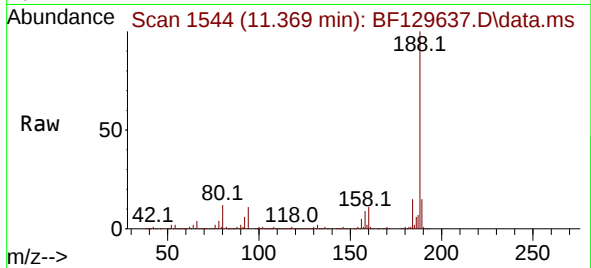




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129637.D
Acq: 08 Aug 2022 18:11

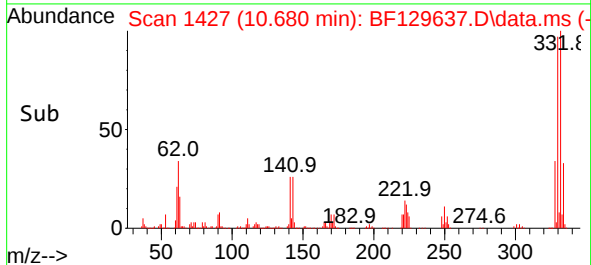
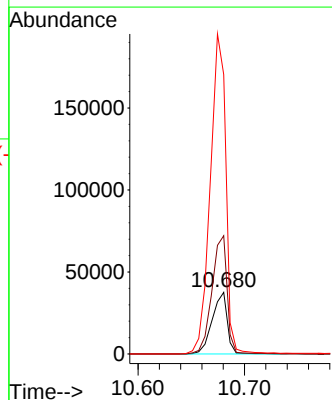
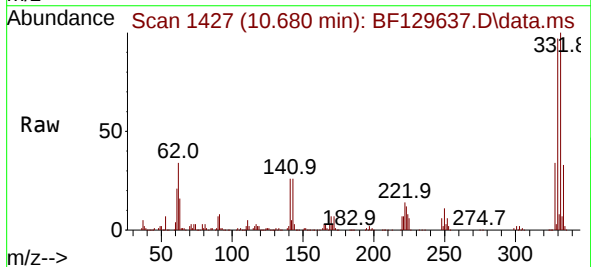
Instrument :
BNA_F
ClientSampleId :
PB146732TB

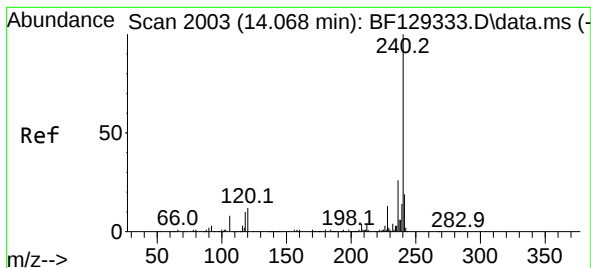
Tgt Ion:188 Resp: 799911
Ion Ratio Lower Upper
188 100
94 11.0 7.0 10.6#
80 12.2 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 4.208 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.241 min
Lab File: BF129637.D
Acq: 08 Aug 2022 18:11

Tgt Ion:248 Resp: 36858
Ion Ratio Lower Upper
248 100
250 191.8 80.6 120.8#
141 453.3 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: BF129637.D

Acq: 08 Aug 2022 18:11

Instrument :

BNA_F

ClientSampleId :

PB146732TB

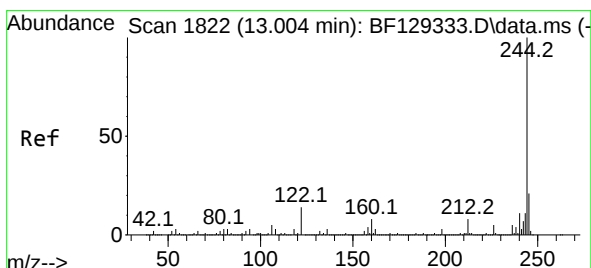
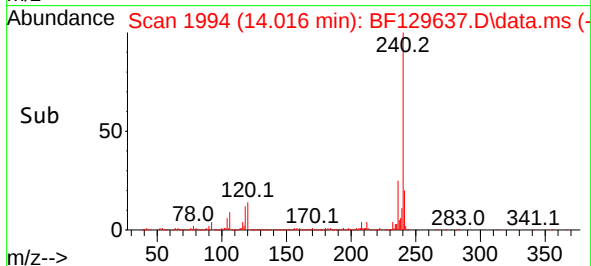
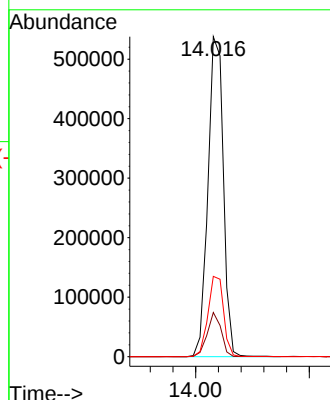
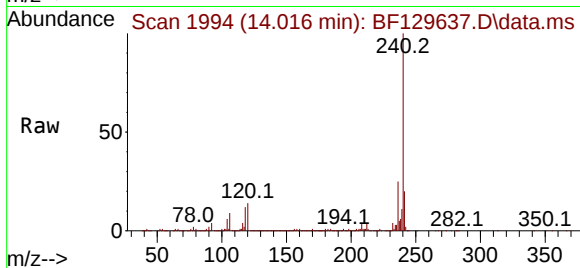
Tgt Ion:240 Resp: 505429

Ion Ratio Lower Upper

240 100

120 13.8 8.9 13.3#

236 25.1 20.8 31.2



#79

Terphenyl-d14

Concen: 101.250 ng

RT: 12.963 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF129637.D

Acq: 08 Aug 2022 18:11

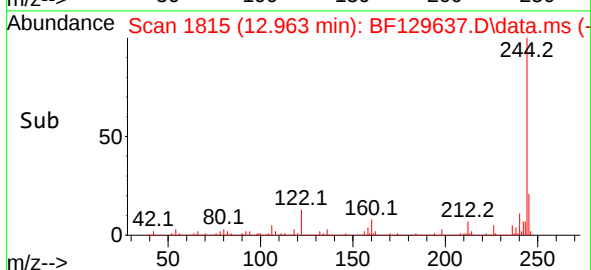
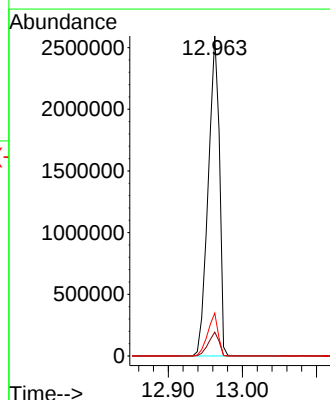
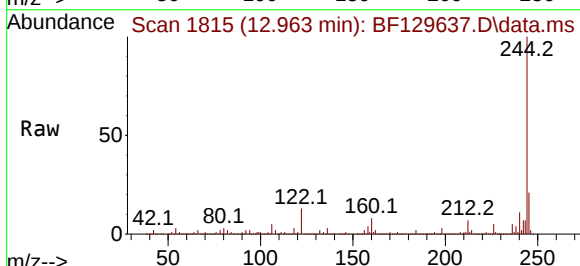
Tgt Ion:244 Resp: 2712556

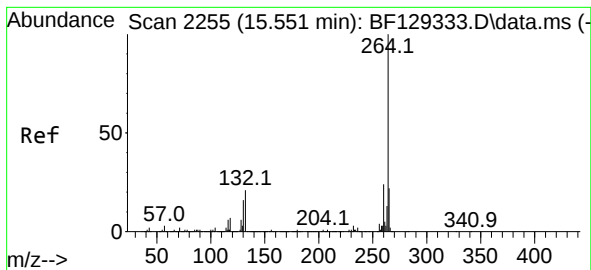
Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 13.4 8.8 13.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129637.D
 Acq: 08 Aug 2022 18:11

Instrument :
 BNA_F
 ClientSampleId :
 PB146732TB

Tgt Ion:264 Resp: 402328
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 21.4 17.2 25.8

