

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129370.D
 Acq On : 27 Jul 2022 11:27
 Operator : CG\JU
 Sample : N3861-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11R

Quant Time: Jul 28 01:30:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

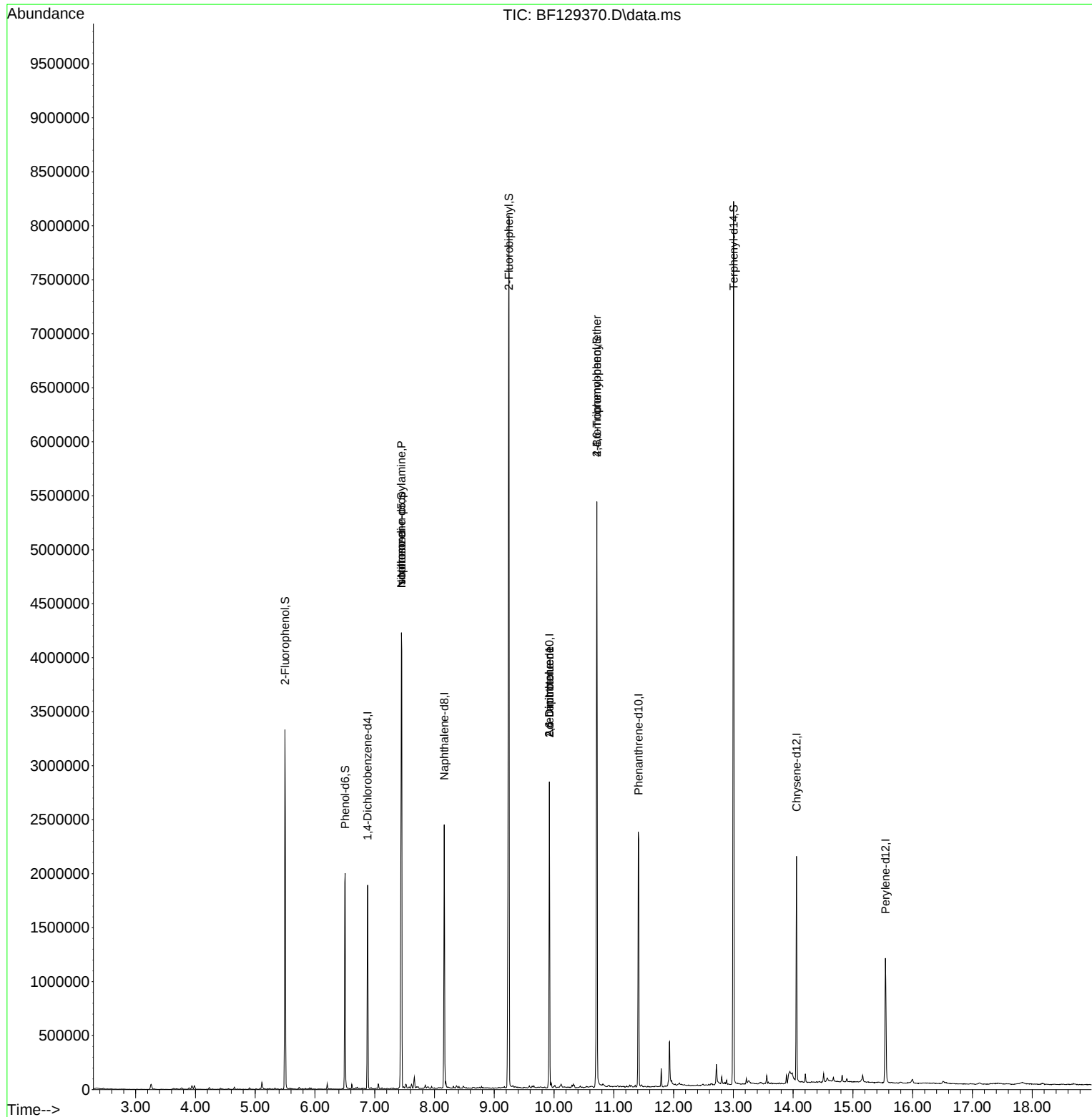
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	257019	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1025925	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	542196	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	899177	20.000	ng	0.00
76) Chrysene-d12	14.057	240	660853	20.000	ng	-0.01
86) Perylene-d12	15.545	264	506391	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	876604	55.560	ng	0.00
7) Phenol-d6	6.504	99	688093	34.697	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1700934	90.505	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	694933	133.313	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2812643	80.248	ng	0.00
79) Terphenyl-d14	13.004	244	2940591	83.947	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	228751	19.053	ng	# 74
25) Isophorone	7.445	82	1694190	50.291	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	70713	8.441	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	70713	6.461	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	43704	4.439	ng	# 1

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

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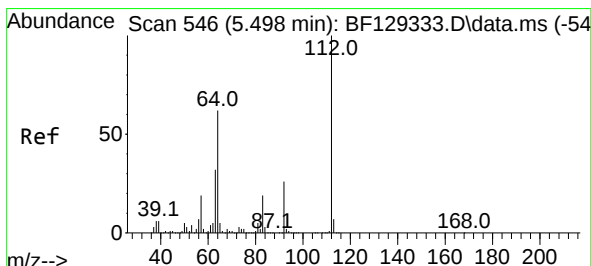
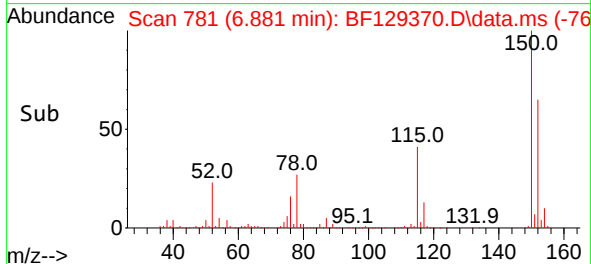
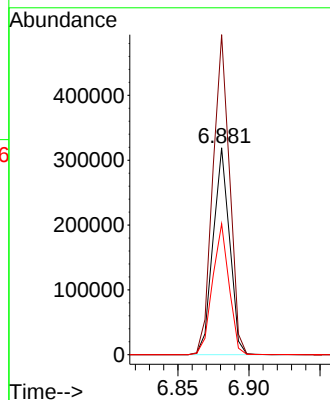
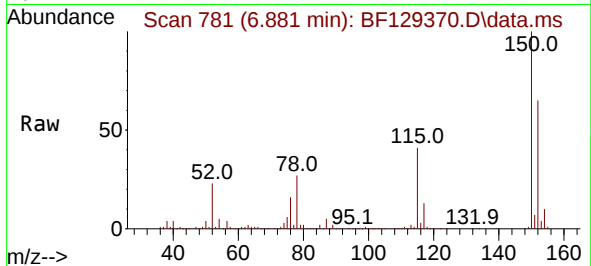




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 782
Delta R.T. -0.005 min
Lab File: BF129370.D
Acq: 27 Jul 2022 11:27

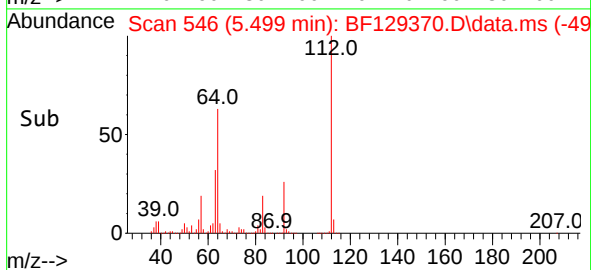
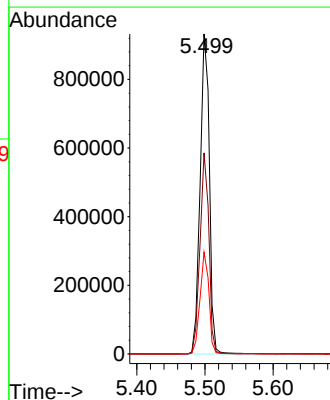
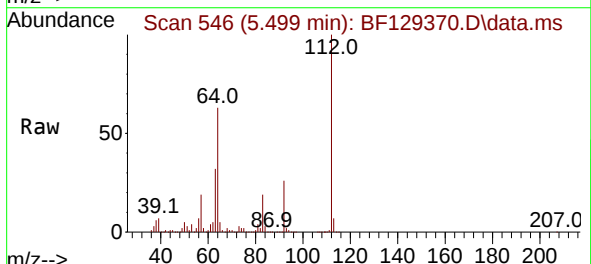
Instrument :
BNA_F
ClientSampleId :
MW-11R

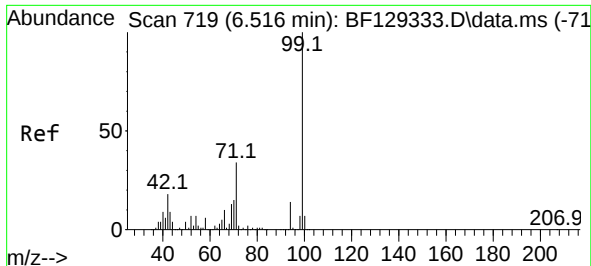
Tgt Ion:152 Resp: 257019
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 63.3 49.9 74.9



#5
2-Fluorophenol
Concen: 55.560 ng
RT: 5.499 min Scan# 546
Delta R.T. 0.000 min
Lab File: BF129370.D
Acq: 27 Jul 2022 11:27

Tgt Ion:112 Resp: 876604
Ion Ratio Lower Upper
112 100
64 62.9 53.3 79.9
63 31.8 28.0 42.0

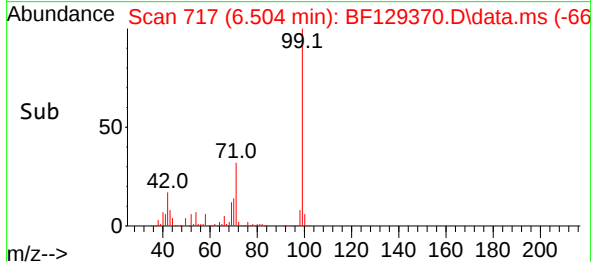
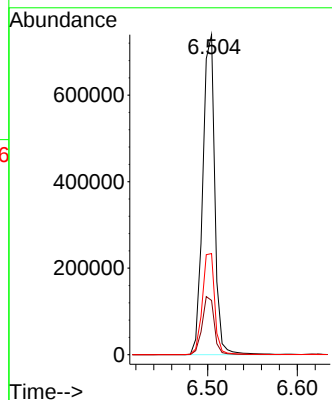
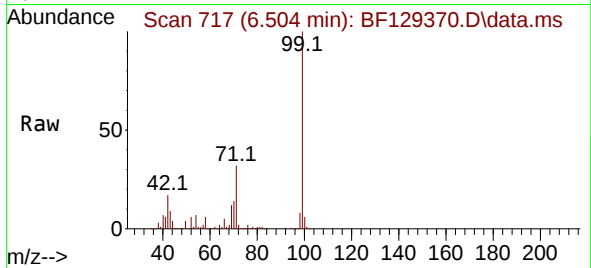




#7
Phenol-d6
Concen: 34.697 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129370.D
Acq: 27 Jul 2022 11:27

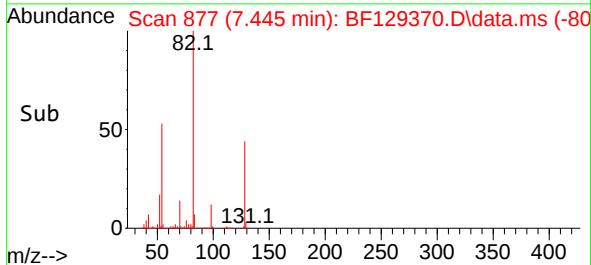
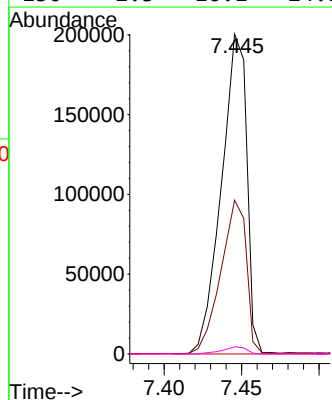
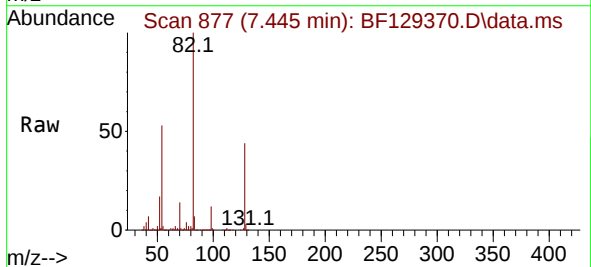
Instrument :
BNA_F
ClientSampleId :
MW-11R

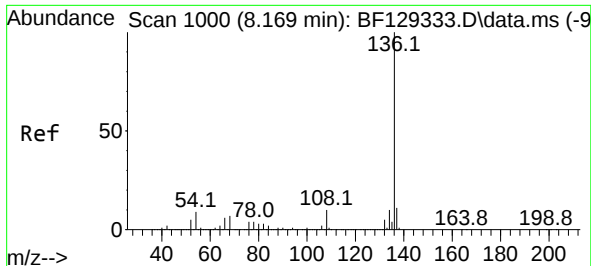
Tgt Ion: 99 Resp: 688093
Ion Ratio Lower Upper
99 100
42 17.0 17.3 25.9#
71 31.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.053 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129370.D
Acq: 27 Jul 2022 11:27

Tgt Ion: 70 Resp: 228751
Ion Ratio Lower Upper
70 100
42 48.0 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#

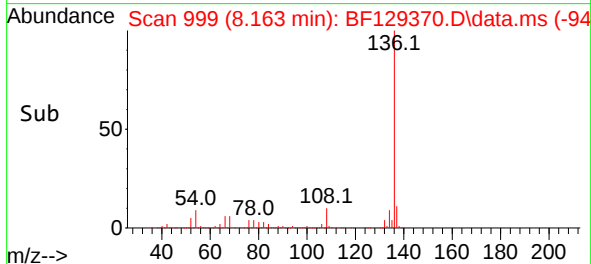
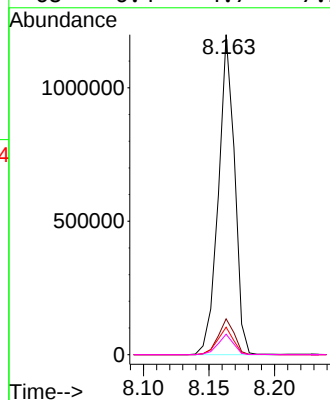
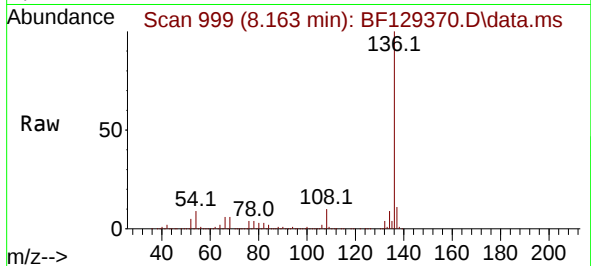




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129370.D
Acq: 27 Jul 2022 11:27

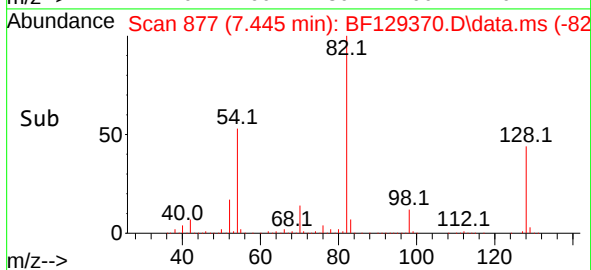
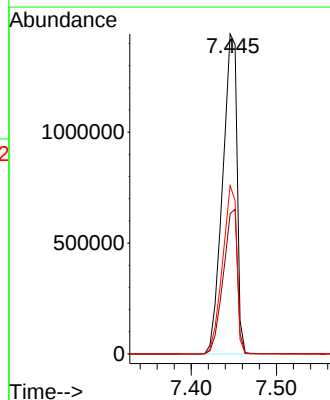
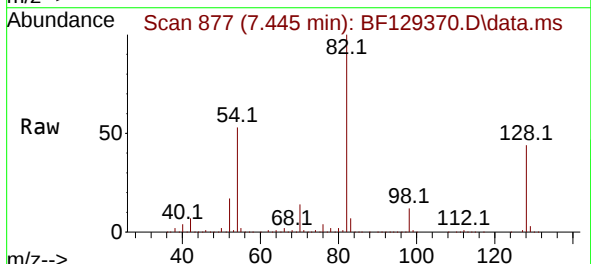
Instrument :
BNA_F
ClientSampleId :
MW-11R

Tgt Ion:136 Resp: 1025925
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.6 7.5 11.3
68 6.4 4.7 7.1



#23
Nitrobenzene-d5
Concen: 90.505 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129370.D
Acq: 27 Jul 2022 11:27

Tgt Ion: 82 Resp: 1700934
Ion Ratio Lower Upper
82 100
128 43.9 34.0 51.0
54 52.6 46.9 70.3

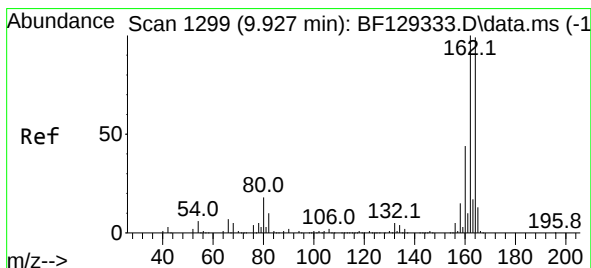
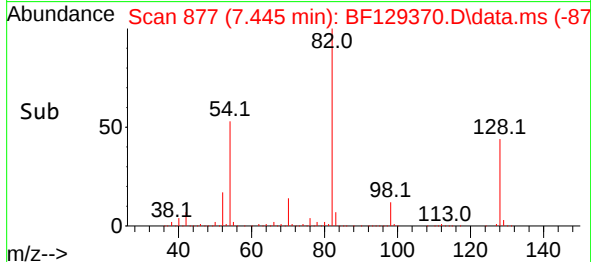
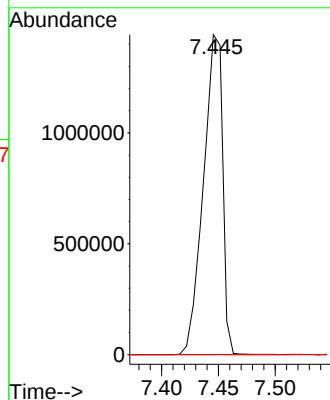
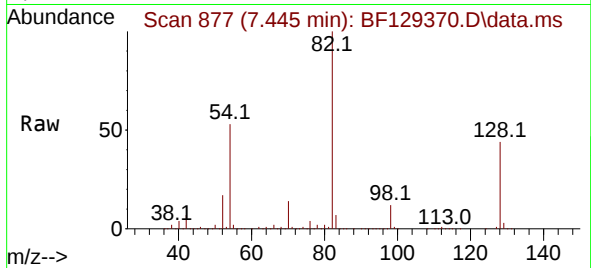




#25
Isophorone
Concen: 50.291 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF129370.D
Acq: 27 Jul 2022 11:27

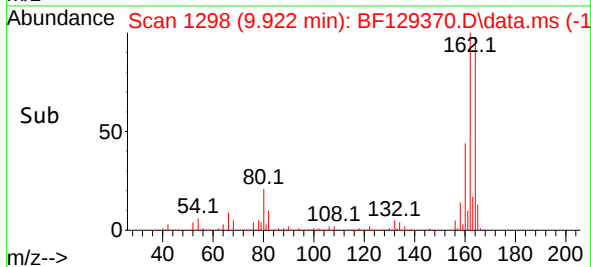
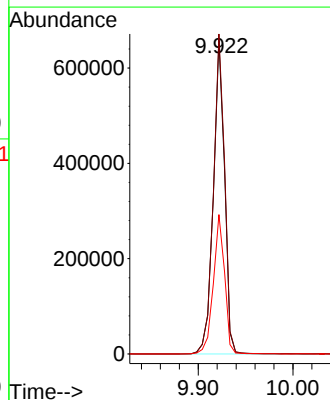
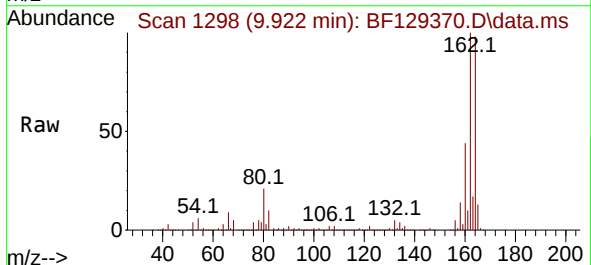
Instrument :
BNA_F
ClientSampleId :
MW-11R

Tgt Ion: 82 Resp: 1694190
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: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129370.D
Acq: 27 Jul 2022 11:27

Tgt Ion:164 Resp: 542196
Ion Ratio Lower Upper
164 100
162 102.1 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 133.313 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF129370.D

Acq: 27 Jul 2022 11:27

Instrument :

BNA_F

ClientSampleId :

MW-11R

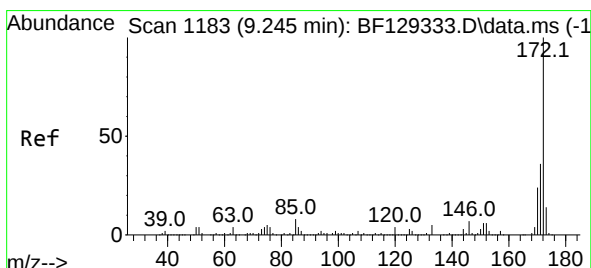
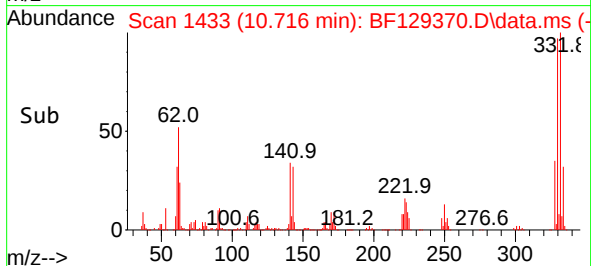
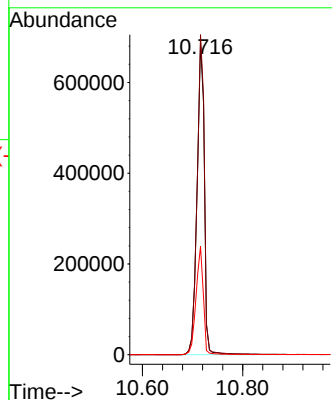
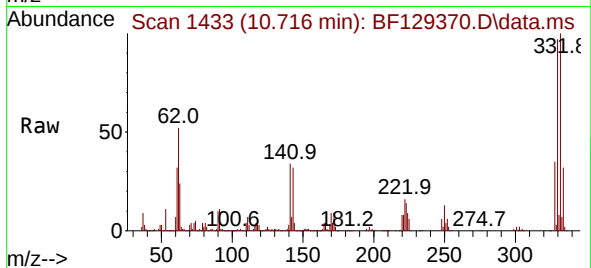
Tgt Ion:330 Resp: 694933

Ion Ratio Lower Upper

330 100

332 101.8 76.8 115.2

141 34.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 80.248 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129370.D

Acq: 27 Jul 2022 11:27

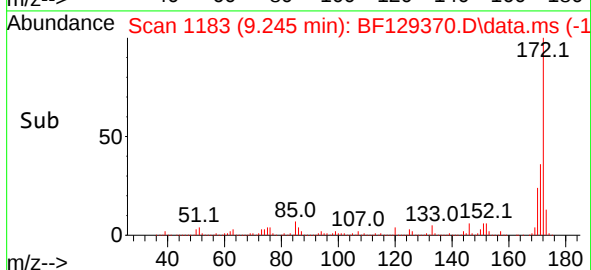
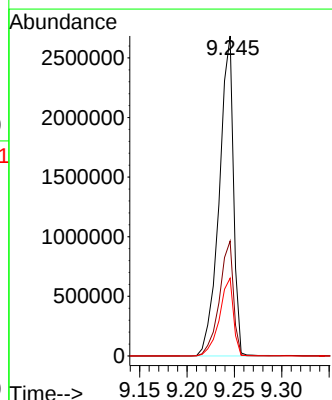
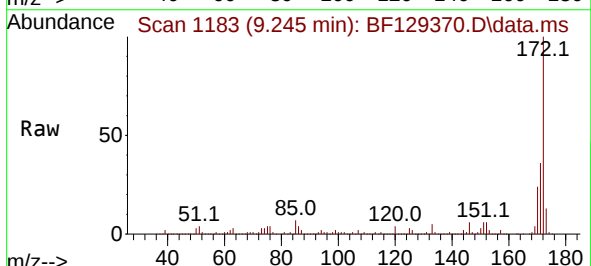
Tgt Ion:172 Resp: 2812643

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.3 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.441 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129370.D

Acq: 27 Jul 2022 11:27

Instrument :

BNA_F

ClientSampleId :

MW-11R

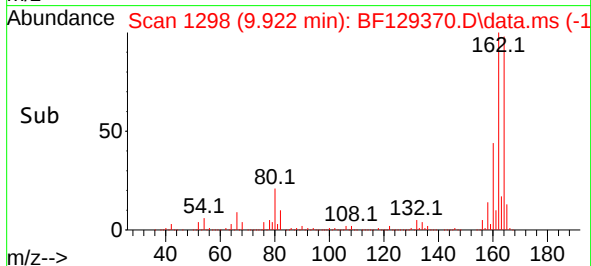
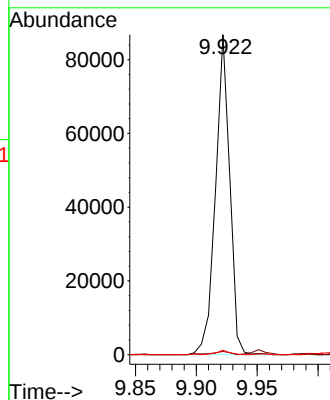
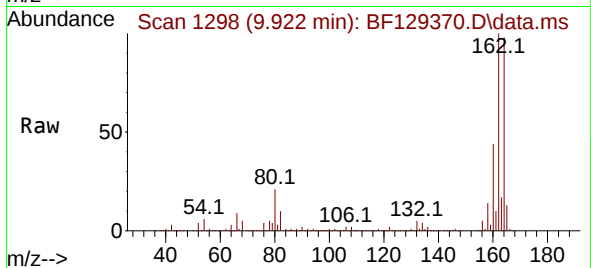
Tgt Ion:165 Resp: 70713

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.4 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.461 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.200 min

Lab File: BF129370.D

Acq: 27 Jul 2022 11:27

Tgt Ion:165 Resp: 70713

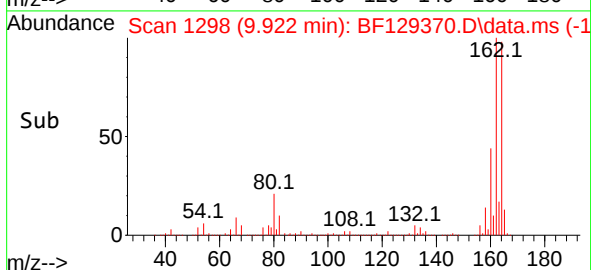
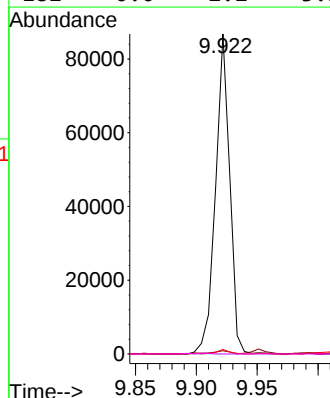
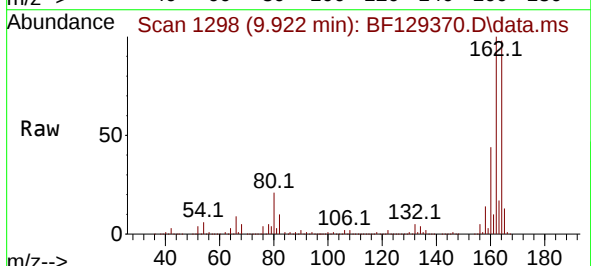
Ion Ratio Lower Upper

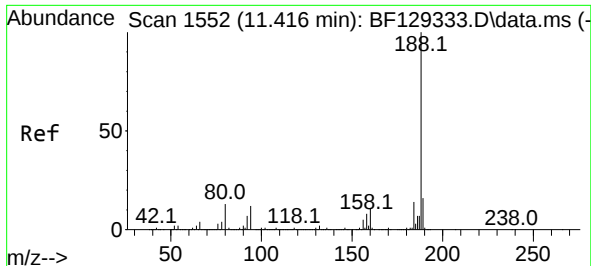
165 100

63 1.0 39.8 59.6#

89 1.4 60.2 90.2#

182 0.0 2.2 3.2#

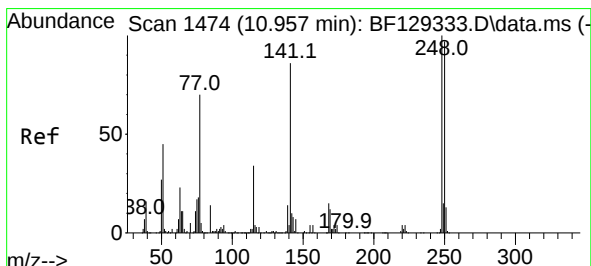
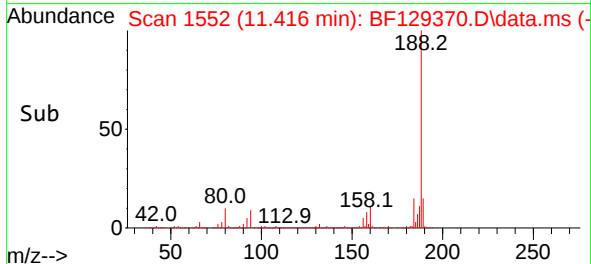
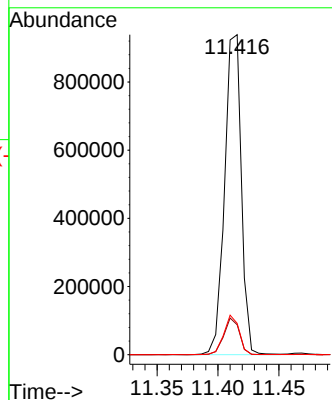
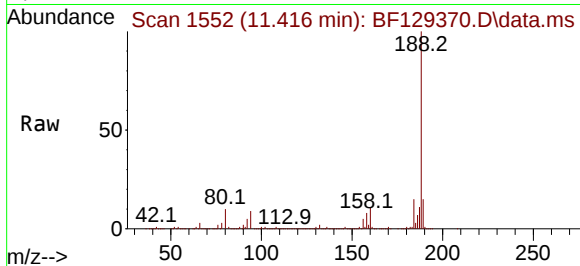




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129370.D
Acq: 27 Jul 2022 11:27

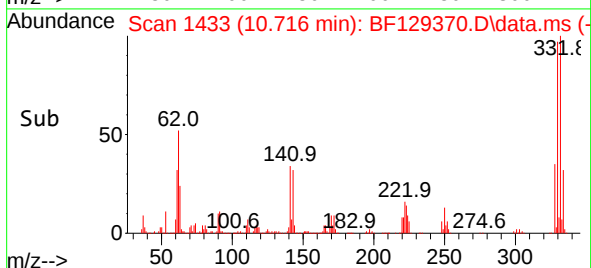
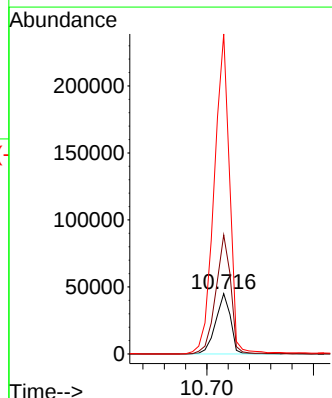
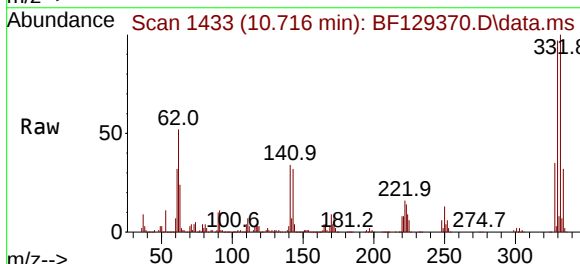
Instrument :
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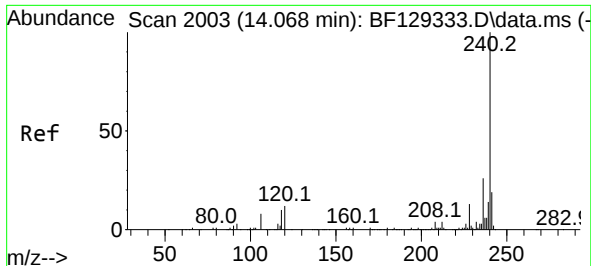
Tgt Ion:188 Resp: 899177
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 9.8 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.439 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129370.D
Acq: 27 Jul 2022 11:27

Tgt Ion:248 Resp: 43704
Ion Ratio Lower Upper
248 100
250 197.3 80.6 120.8#
141 530.2 58.9 88.3#

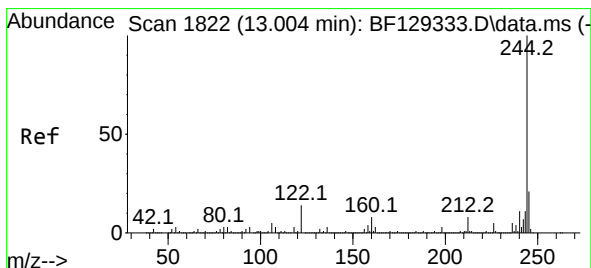
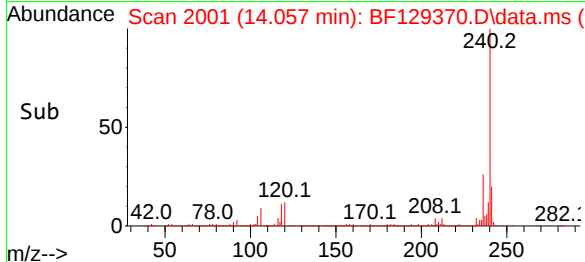
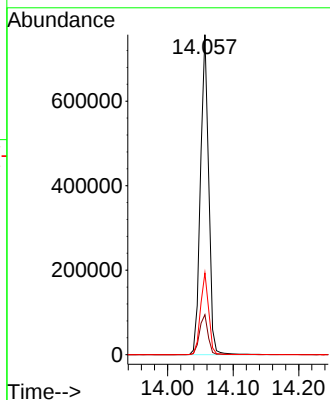
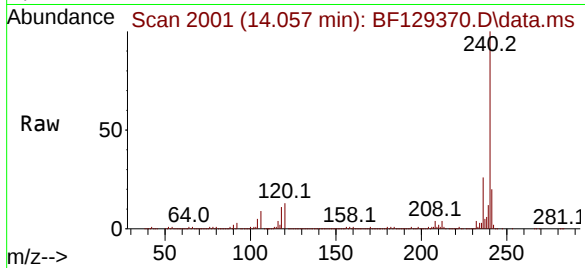




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129370.D
Acq: 27 Jul 2022 11:27

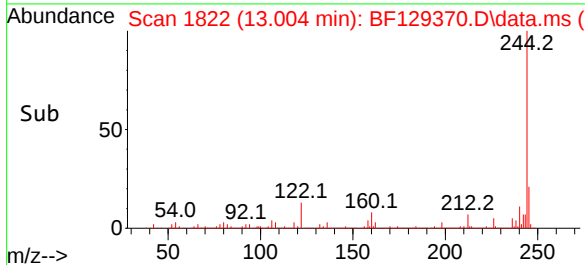
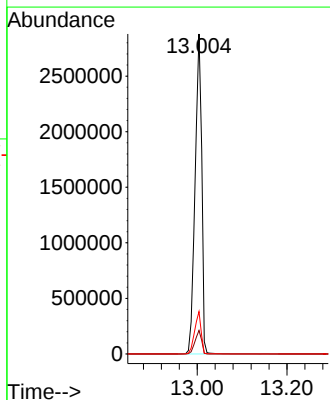
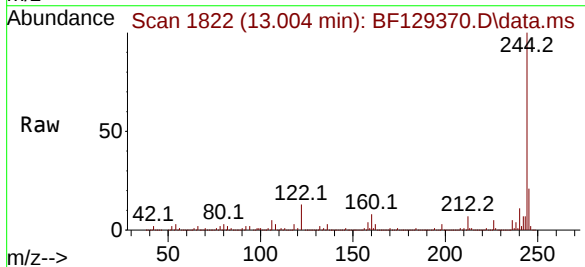
Instrument :
BNA_F
ClientSampleId :
MW-11R

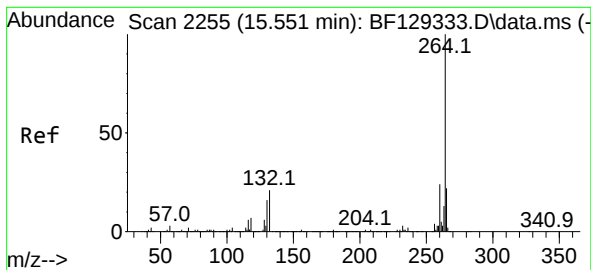
Tgt Ion:240 Resp: 660853
Ion Ratio Lower Upper
240 100
120 12.5 8.9 13.3
236 25.6 20.8 31.2



#79
Terphenyl-d14
Concen: 83.947 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF129370.D
Acq: 27 Jul 2022 11:27

Tgt Ion:244 Resp: 2940591
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 13.2 8.8 13.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129370.D

Acq: 27 Jul 2022 11:27

Instrument :

BNA_F

ClientSampleId :

MW-11R

Tgt Ion:264 Resp: 506391

Ion Ratio Lower Upper

264 100

260 24.5 18.4 27.6

265 21.8 17.2 25.8

