

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129727.D
 Acq On : 11 Aug 2022 21:41
 Operator : CG\JU
 Sample : N4130-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 00:03:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

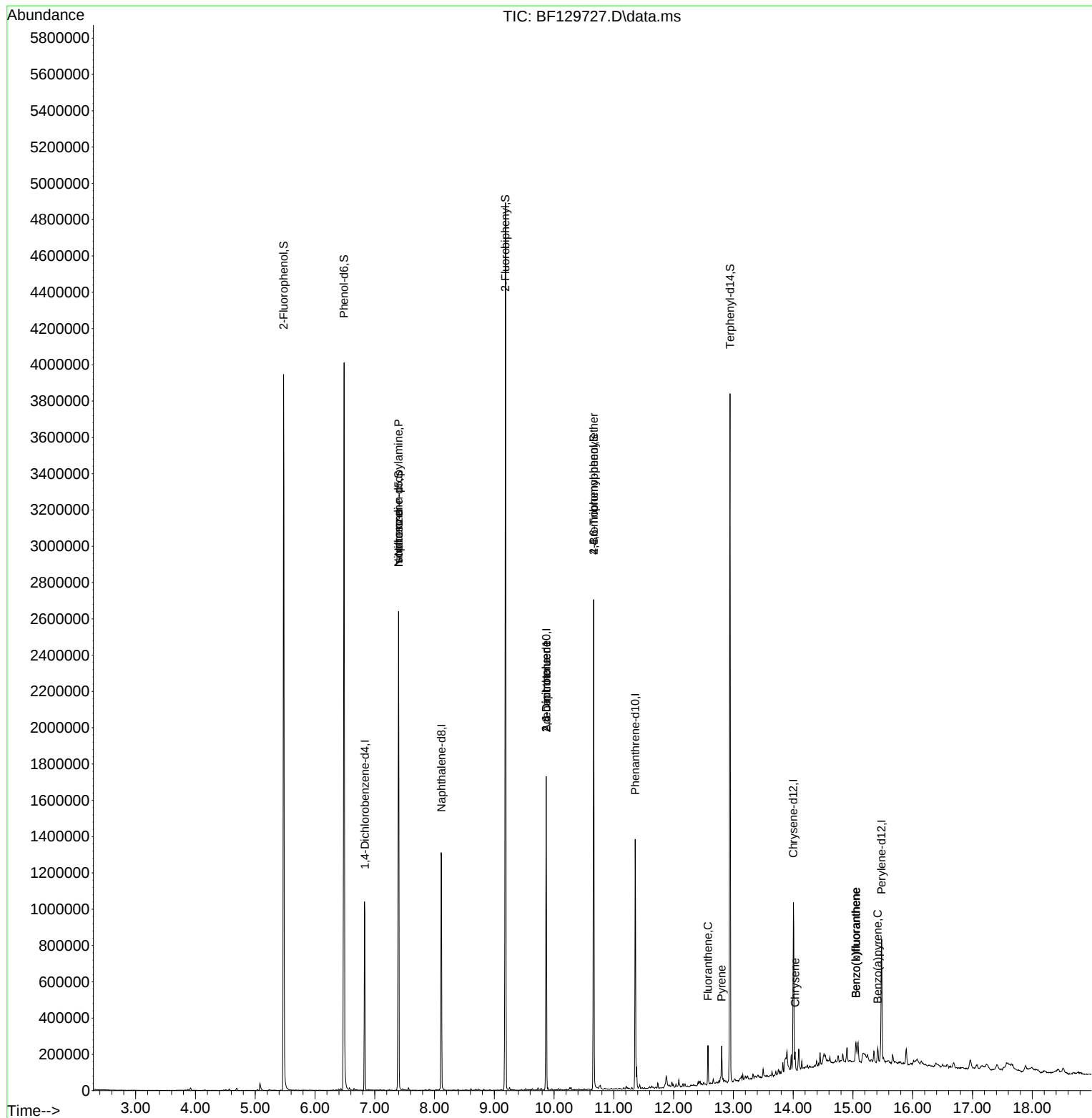
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	159347	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	626802	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	317074	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	454788	20.000	ng	#-0.01
76) Chrysene-d12	14.004	240	290589	20.000	ng	-0.02
86) Perylene-d12	15.480	264	292707	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1101604	112.617	ng	0.00
7) Phenol-d6	6.487	99	1378057	112.080	ng	0.00
23) Nitrobenzene-d5	7.398	82	876151	76.305	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	291530	95.633	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	1588540	77.502	ng	-0.01
79) Terphenyl-d14	12.945	244	1207211	78.375	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	118125	15.870	ng	# 73
25) Isophorone	7.398	82	876140	42.568	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	40237	8.213	ng	# 25
57) 2,4-Dinitrotoluene	9.869	165	40237	6.287	ng	# 21
67) 4-Bromophenyl-phenylether	10.663	248	18269	3.668	ng	# 1
75) Fluoranthene	12.574	202	74646	2.968	ng	100
78) Pyrene	12.804	202	72140	2.969	ng	98
83) Chrysene	14.033	228	38440	2.055	ng	99
88) Benzo(b)fluoranthene	15.051	252	71816	3.699	ng	# 94
89) Benzo(k)fluoranthene	15.051	252	71816	3.774	ng	# 95
90) Benzo(a)pyrene	15.415	252	36472	2.314	ng	# 97

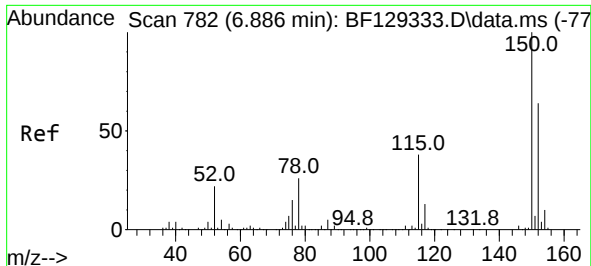
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
Data File : BF129727.D
Acq On : 11 Aug 2022 21:41
Operator : CG\JU
Sample : N4130-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

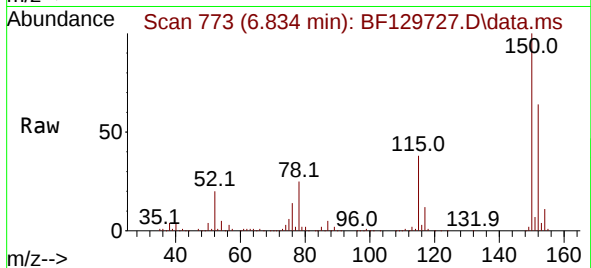
Quant Time: Aug 12 00:03:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 11 23:50:03 2022
Response via : Initial Calibration



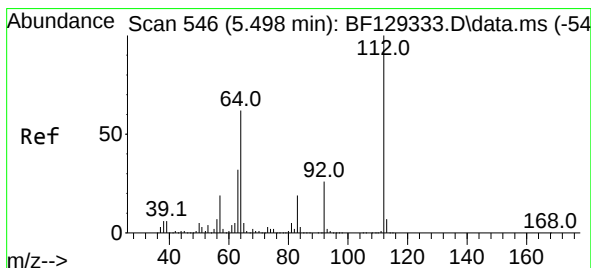
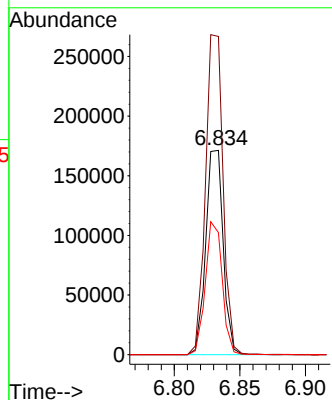
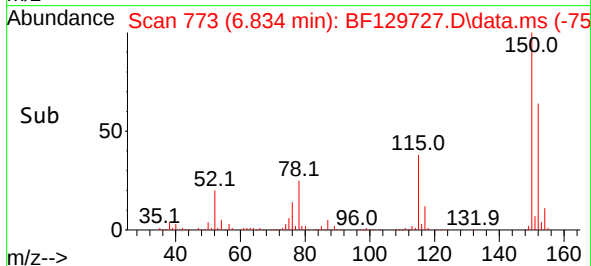


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129727.D
 Acq: 11 Aug 2022 21:41

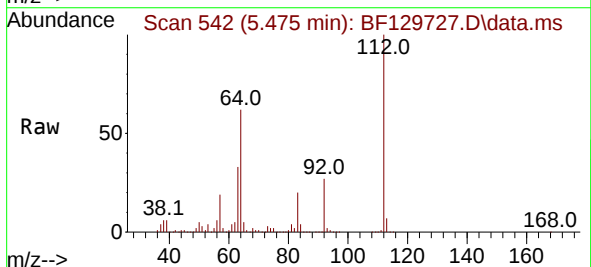
Instrument :
 BNA_F
 ClientSampleId :



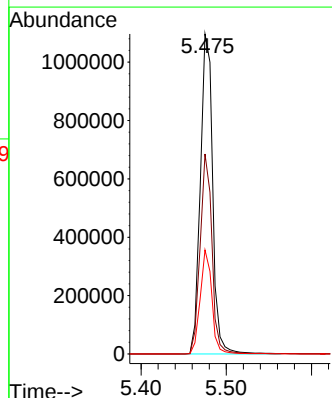
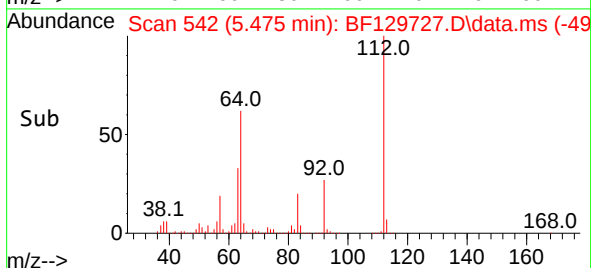
Tgt Ion:152 Resp: 159347
 Ion Ratio Lower Upper
 152 100
 150 155.7 123.7 185.5
 115 59.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 112.617 ng
 RT: 5.475 min Scan# 542
 Delta R.T. 0.006 min
 Lab File: BF129727.D
 Acq: 11 Aug 2022 21:41



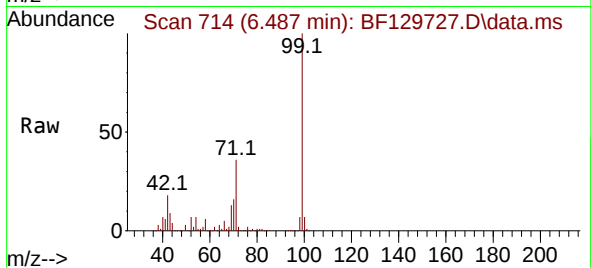
Tgt Ion:112 Resp: 1101604
 Ion Ratio Lower Upper
 112 100
 64 62.5 53.3 79.9
 63 32.5 28.0 42.0





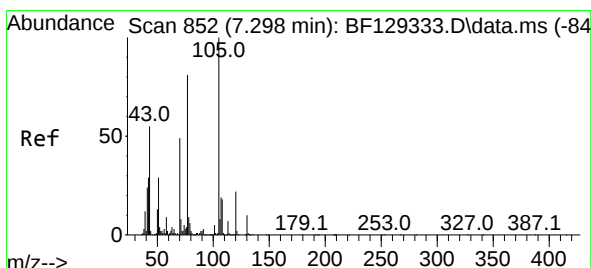
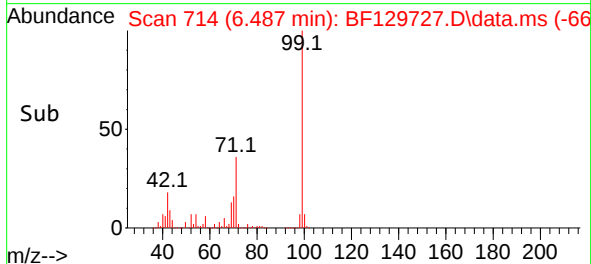
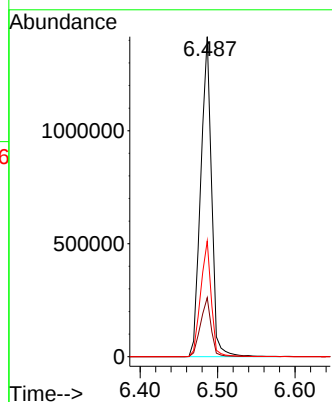
#7
Phenol-d6
Concen: 112.080 ng
RT: 6.487 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129727.D
Acq: 11 Aug 2022 21:41

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1378057

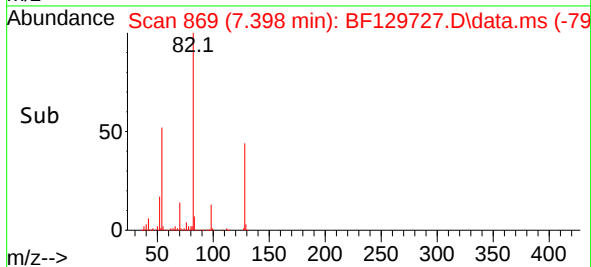
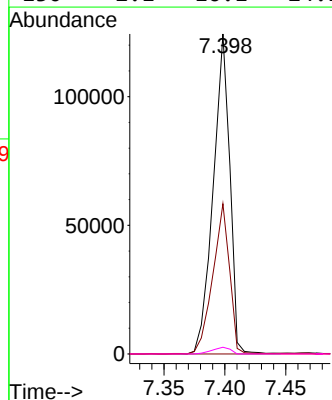
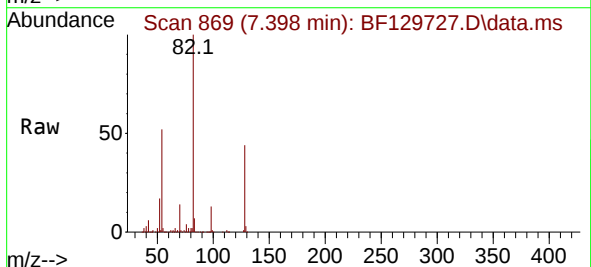
Ion	Ratio	Lower	Upper
99	100		
42	18.5	17.3	25.9
71	36.2	28.9	43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.870 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.141 min
Lab File: BF129727.D
Acq: 11 Aug 2022 21:41

Tgt Ion: 70 Resp: 118125

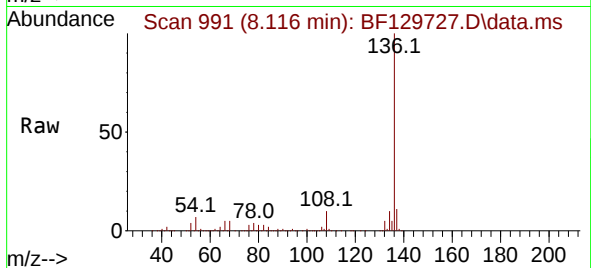
Ion	Ratio	Lower	Upper
70	100		
42	46.9	52.3	78.5#
101	0.0	7.5	11.3#
130	2.1	16.1	24.1#



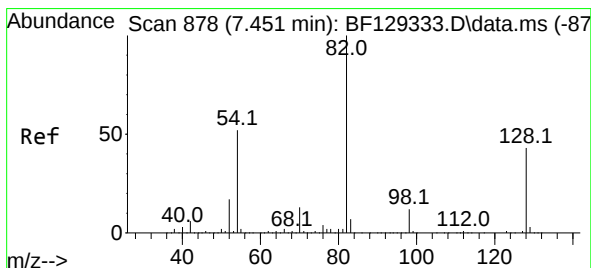
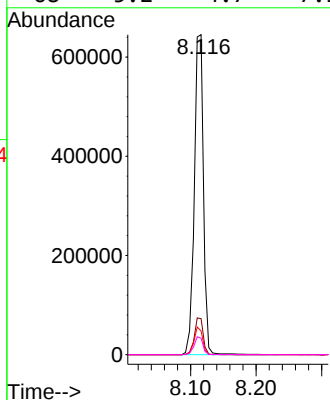
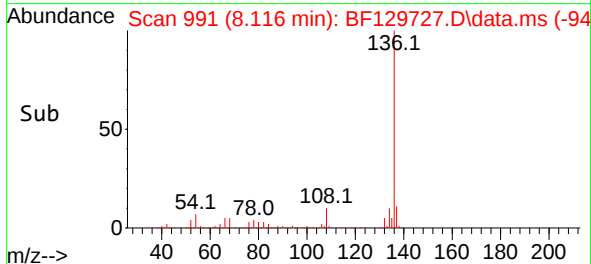


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129727.D
Acq: 11 Aug 2022 21:41

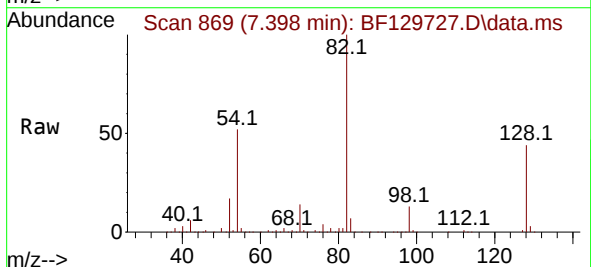
Instrument :
BNA_F
ClientSampleId :



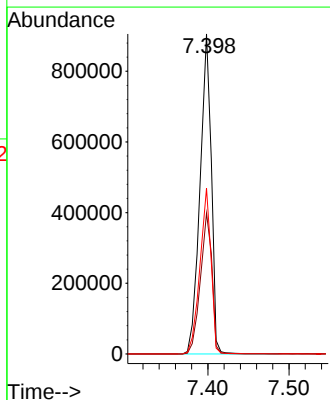
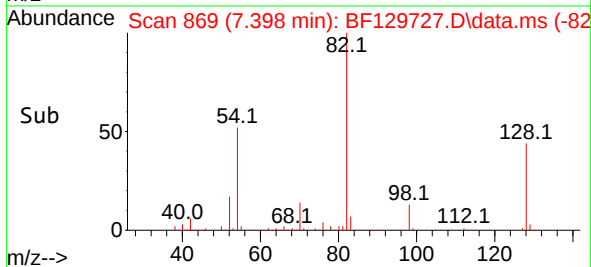
Tgt Ion:136 Resp: 626802
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.4 7.5 11.3#
68 5.2 4.7 7.1

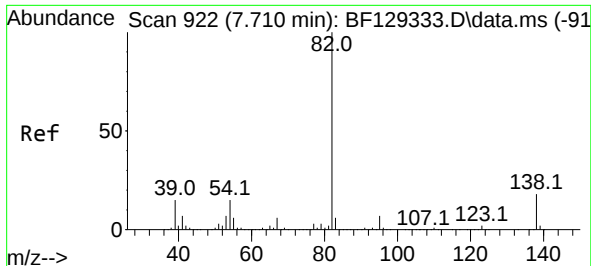


#23
Nitrobenzene-d5
Concen: 76.305 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF129727.D
Acq: 11 Aug 2022 21:41



Tgt Ion: 82 Resp: 876151
Ion Ratio Lower Upper
82 100
128 44.0 34.0 51.0
54 51.8 46.9 70.3

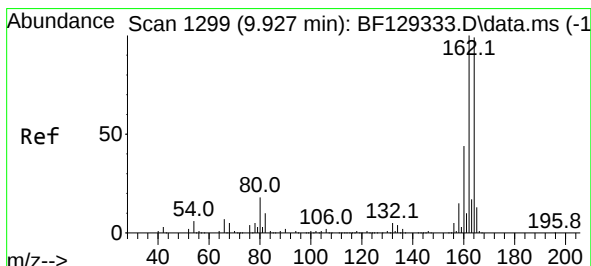
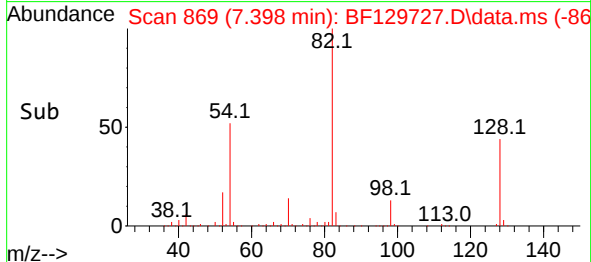
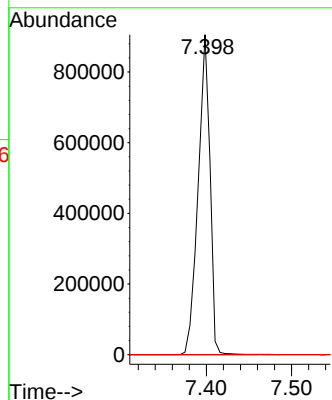
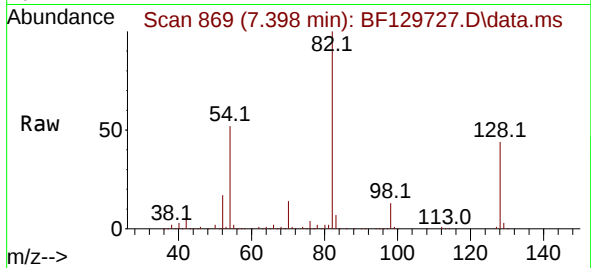




#25
Isophorone
Concen: 42.568 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF129727.D
Acq: 11 Aug 2022 21:41

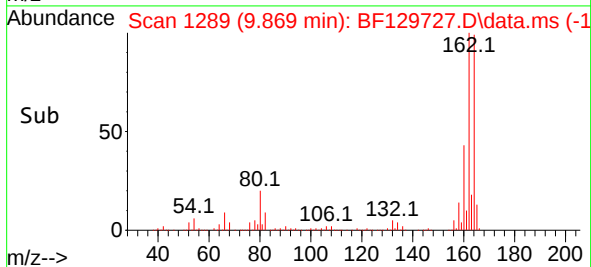
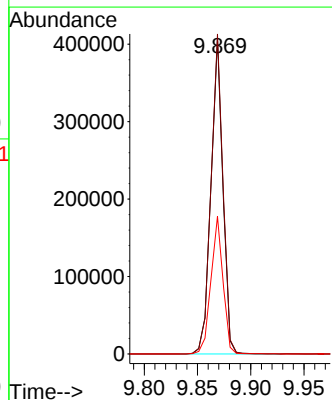
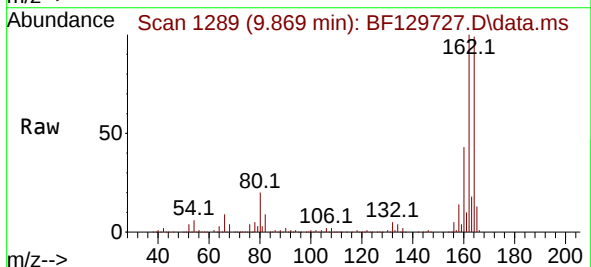
Instrument :
BNA_F
ClientSampleId :

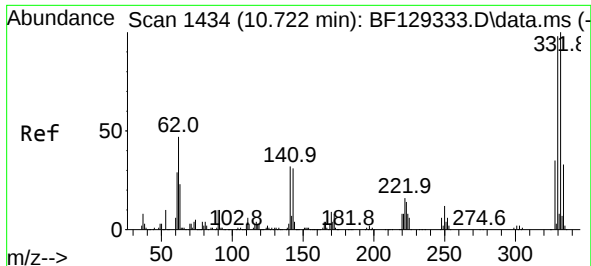
Tgt Ion: 82 Resp: 876140
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF129727.D
Acq: 11 Aug 2022 21:41

Tgt Ion: 164 Resp: 317074
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 43.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 95.633 ng

RT: 10.663 min Scan# 1434

Delta R.T. -0.012 min

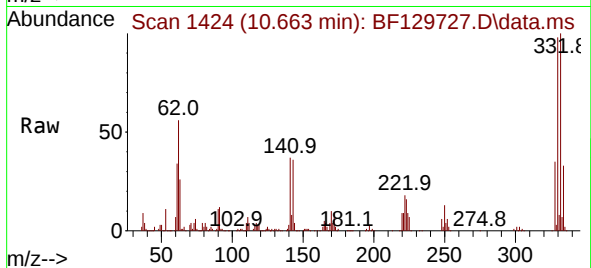
Lab File: BF129727.D

Acq: 11 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :



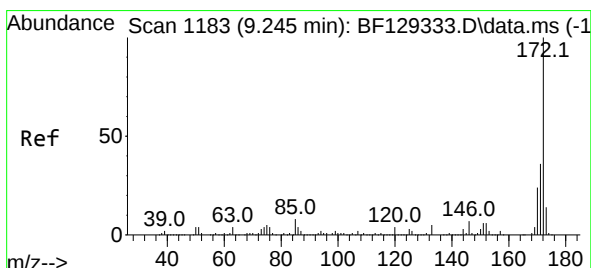
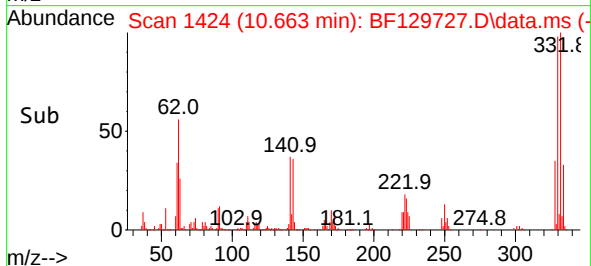
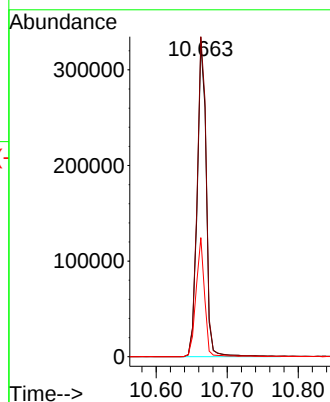
Tgt Ion:330 Resp: 291530

Ion Ratio Lower Upper

330 100

332 103.8 76.8 115.2

141 35.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 77.502 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.012 min

Lab File: BF129727.D

Acq: 11 Aug 2022 21:41

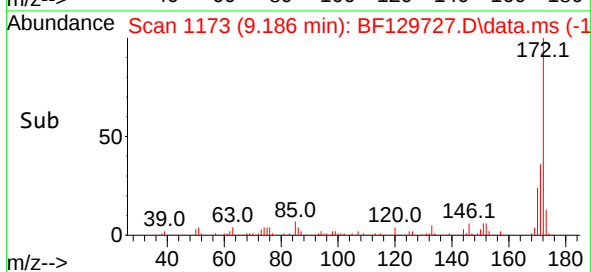
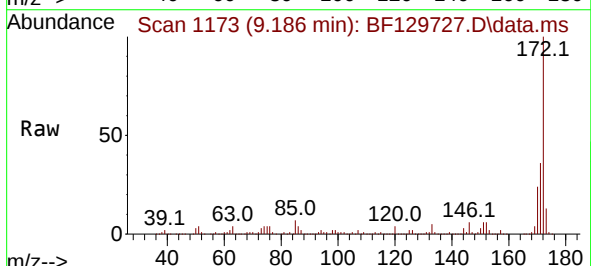
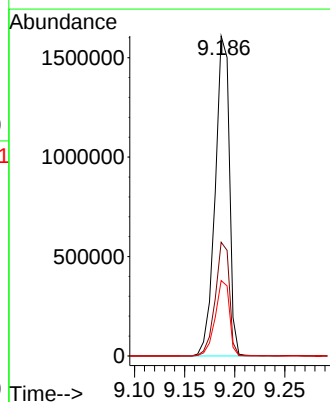
Tgt Ion:172 Resp: 1588540

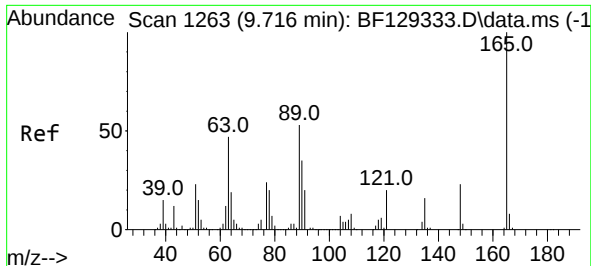
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.5 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.213 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF129727.D

Acq: 11 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

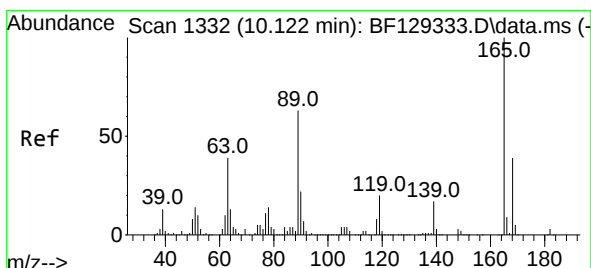
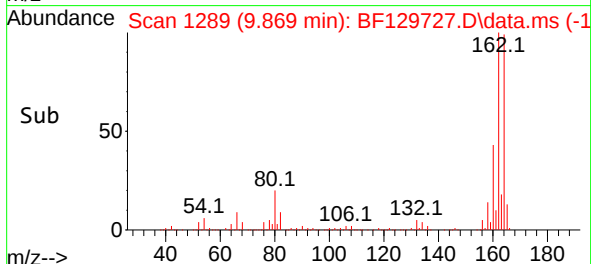
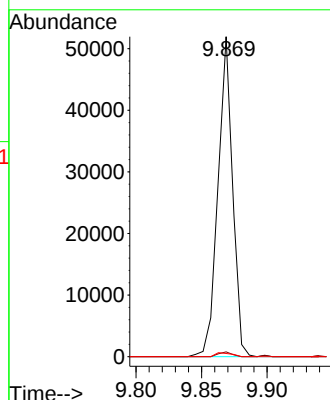
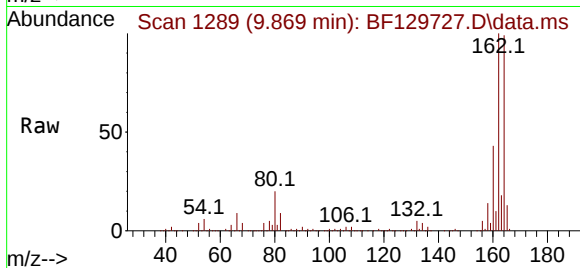
Tgt Ion:165 Resp: 40237

Ion Ratio Lower Upper

165 100

63 1.5 44.9 67.3#

89 1.0 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.287 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.212 min

Lab File: BF129727.D

Acq: 11 Aug 2022 21:41

Tgt Ion:165 Resp: 40237

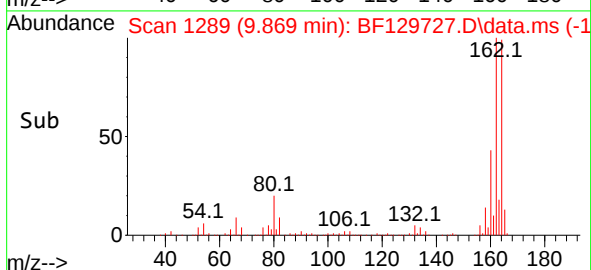
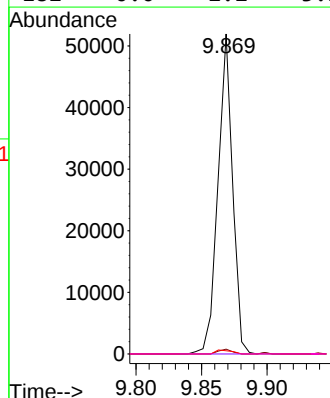
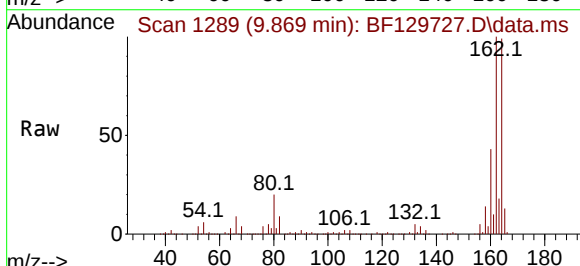
Ion Ratio Lower Upper

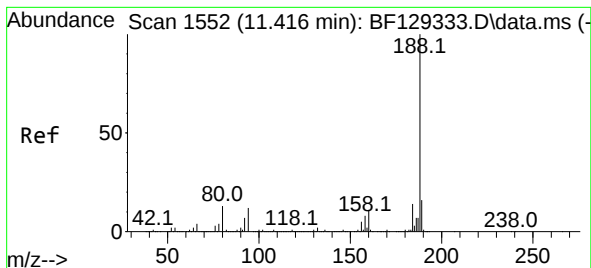
165 100

63 1.5 39.8 59.6#

89 1.0 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129727.D

Acq: 11 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

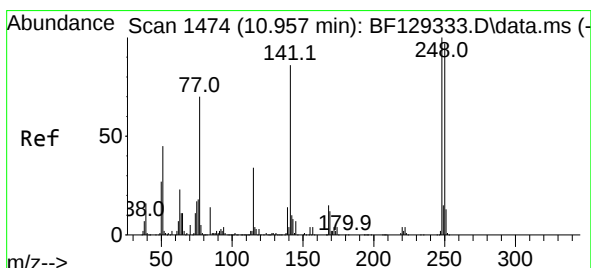
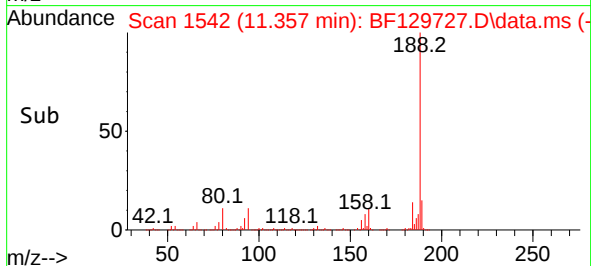
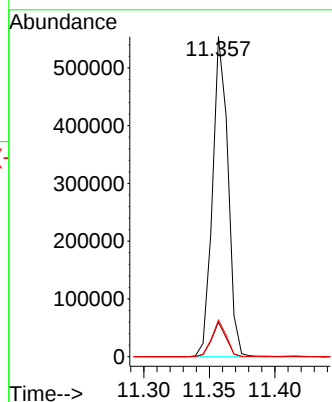
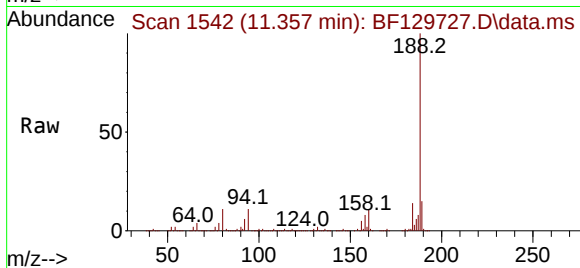
Tgt Ion:188 Resp: 454788

Ion Ratio Lower Upper

188 100

94 10.7 7.0 10.6#

80 11.4 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 3.668 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.247 min

Lab File: BF129727.D

Acq: 11 Aug 2022 21:41

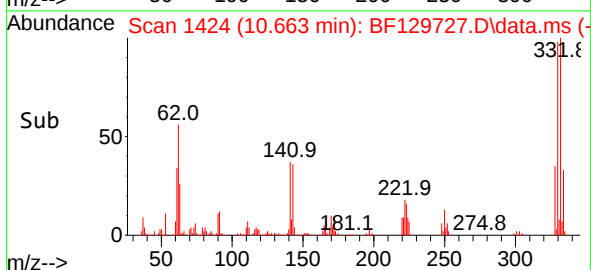
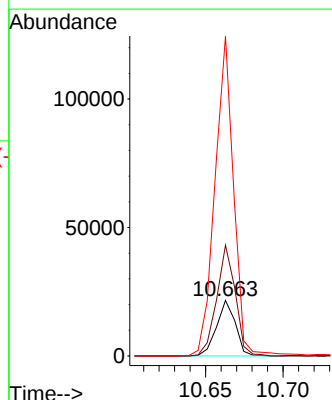
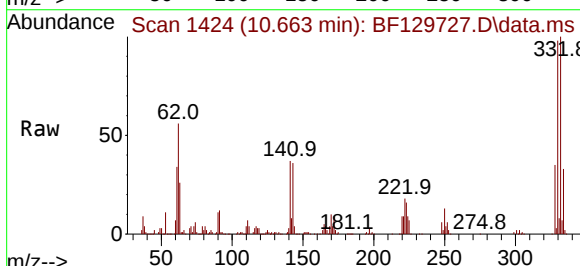
Tgt Ion:248 Resp: 18269

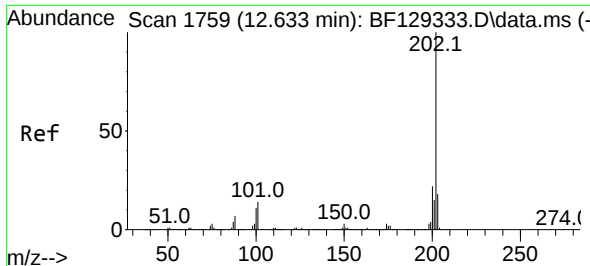
Ion Ratio Lower Upper

248 100

250 199.9 80.6 120.8#

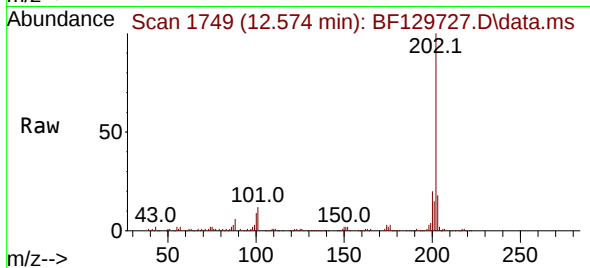
141 577.0 58.9 88.3#



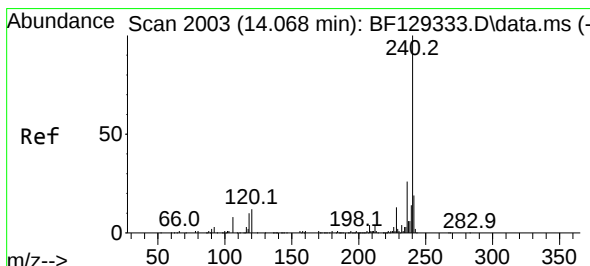
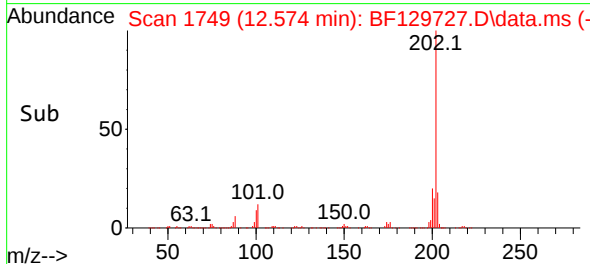
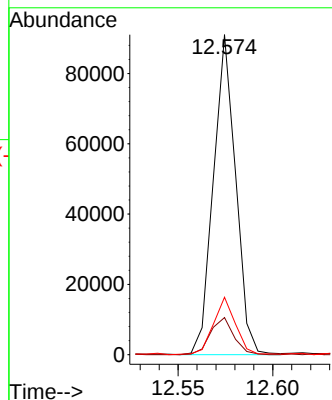


#75
Fluoranthene
Concen: 2.968 ng
RT: 12.574 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129727.D
Acq: 11 Aug 2022 21:41

Instrument :
BNA_F
ClientSampleId :

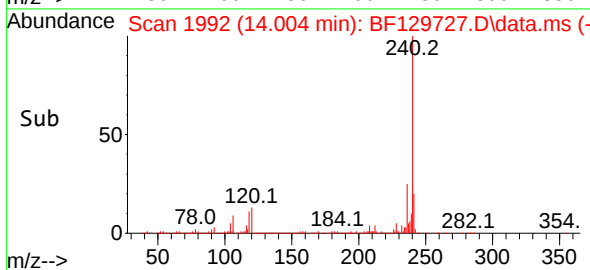
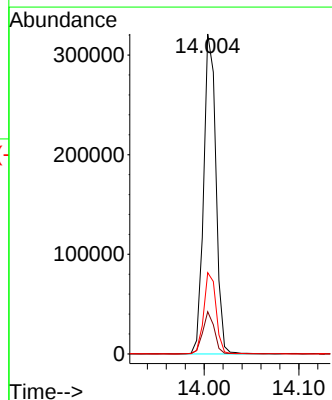
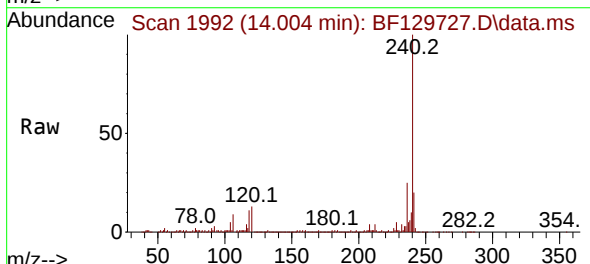


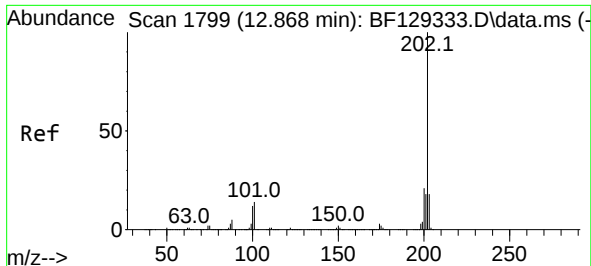
Tgt Ion:202 Resp: 74646
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.4
203 17.9 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.018 min
Lab File: BF129727.D
Acq: 11 Aug 2022 21:41

Tgt Ion:240 Resp: 290589
Ion Ratio Lower Upper
240 100
120 13.2 8.9 13.3
236 25.4 20.8 31.2

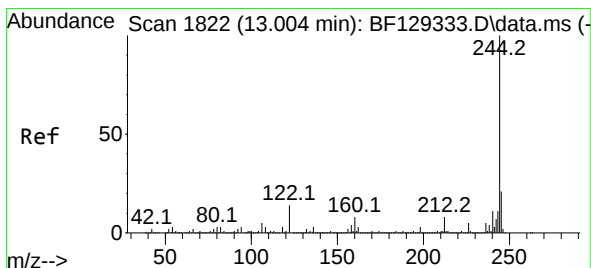
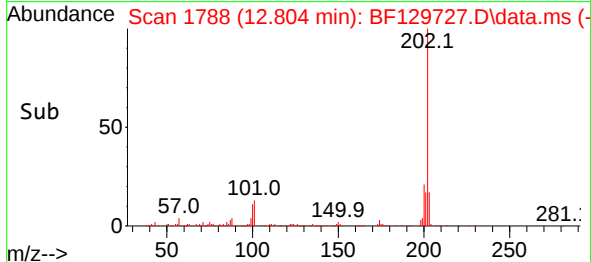
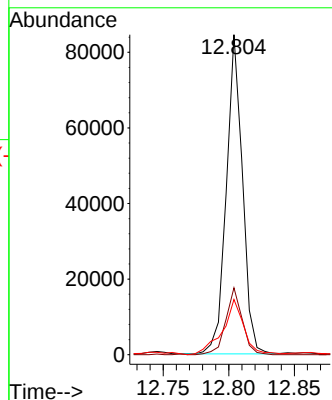
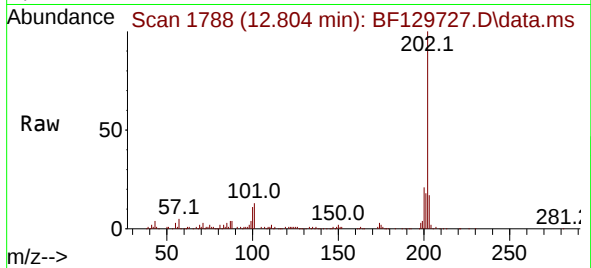




#78
 Pyrene
 Concen: 2.969 ng
 RT: 12.804 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF129727.D
 Acq: 11 Aug 2022 21:41

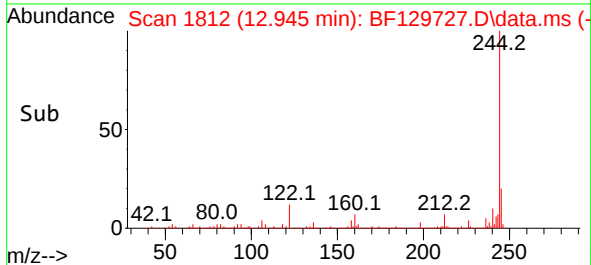
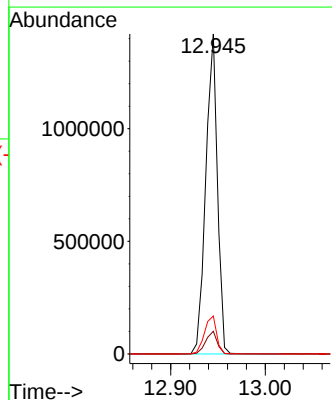
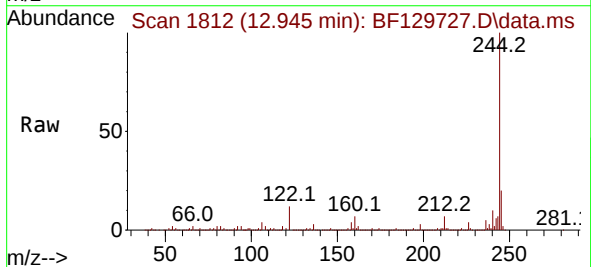
Instrument :
 BNA_F
 ClientSampleId :

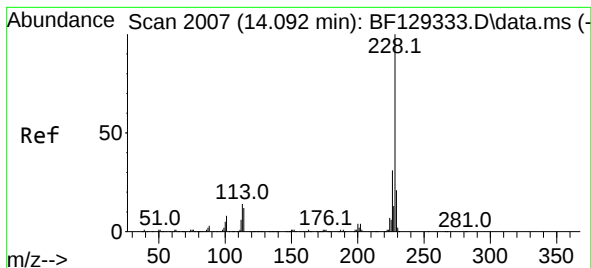
Tgt Ion:202 Resp: 72140
 Ion Ratio Lower Upper
 202 100
 200 20.9 17.7 26.5
 203 17.3 14.6 21.8



#79
 Terphenyl-d14
 Concen: 78.375 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. -0.012 min
 Lab File: BF129727.D
 Acq: 11 Aug 2022 21:41

Tgt Ion:244 Resp: 1207211
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 11.9 8.8 13.2





#83

Chrysene

Concen: 2.055 ng

RT: 14.033 min Scan# 1997

Delta R.T. -0.012 min

Lab File: BF129727.D

Acq: 11 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

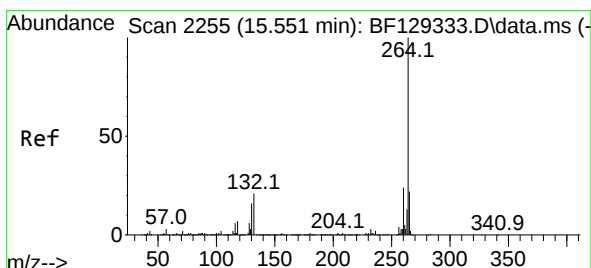
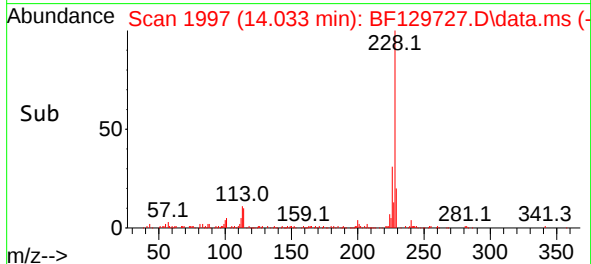
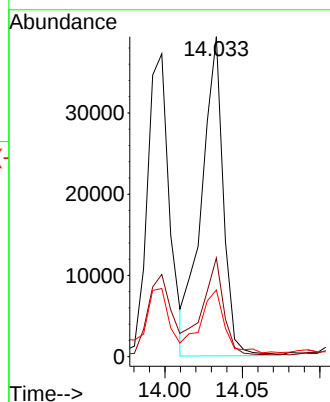
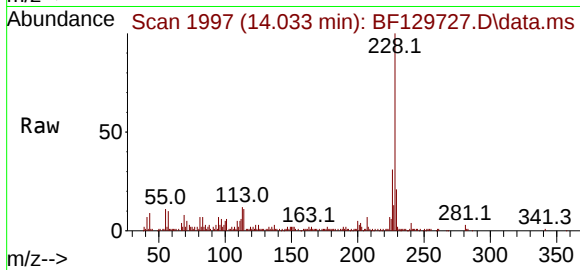
Tgt Ion:228 Resp: 38440

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 20.8 15.9 23.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2243

Delta R.T. -0.012 min

Lab File: BF129727.D

Acq: 11 Aug 2022 21:41

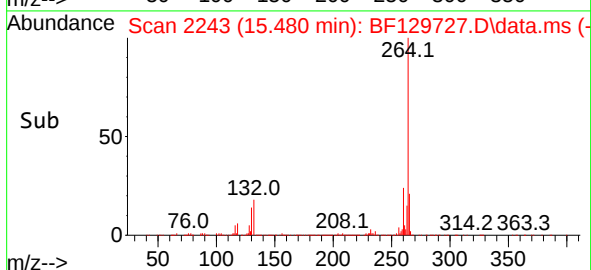
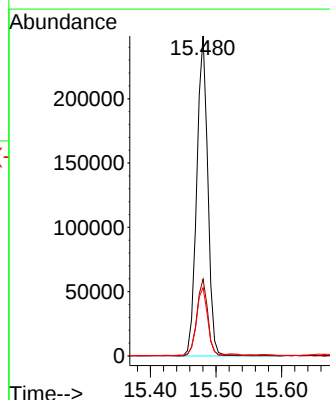
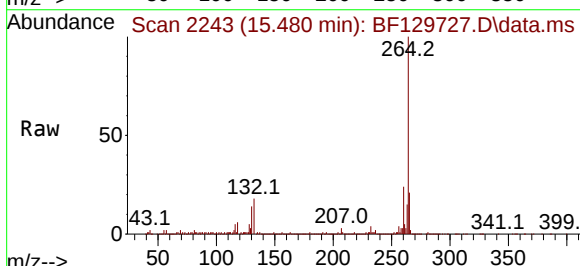
Tgt Ion:264 Resp: 292707

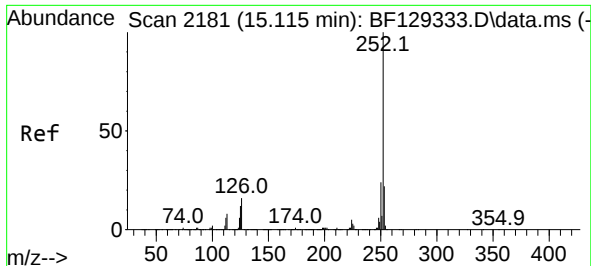
Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

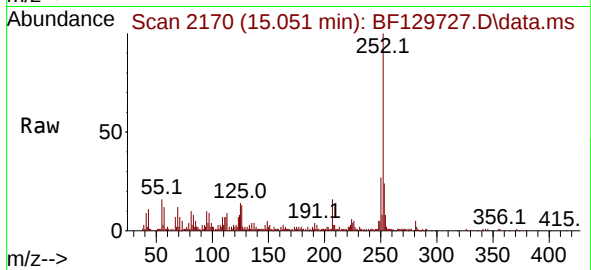
265 21.3 17.2 25.8



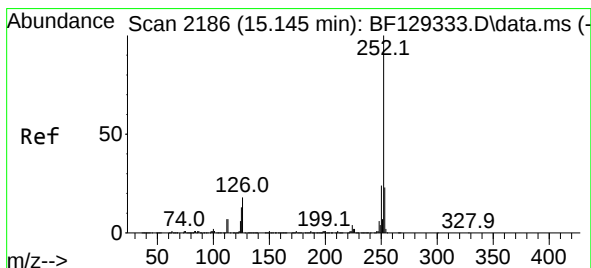
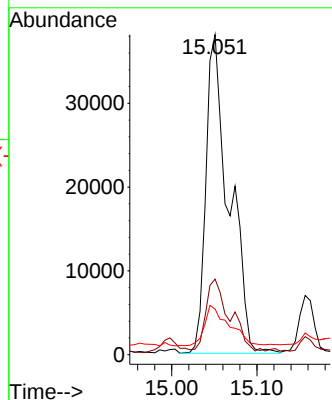
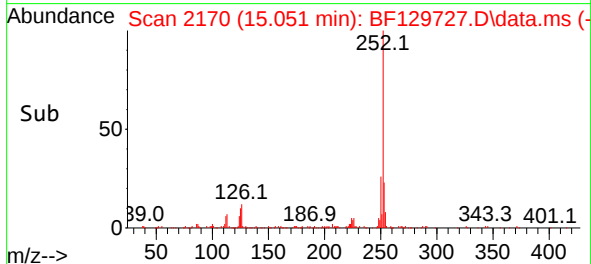


#88
Benzo(b)fluoranthene
Concen: 3.699 ng
RT: 15.051 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF129727.D
Acq: 11 Aug 2022 21:41

Instrument :
BNA_F
ClientSampleId :

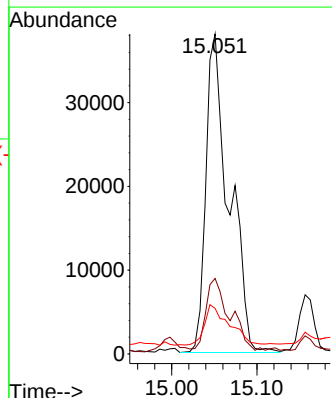
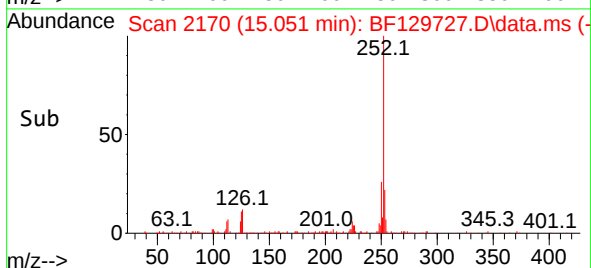
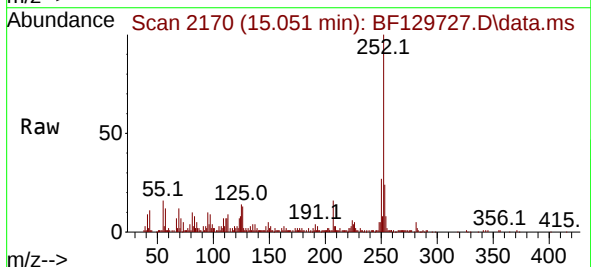


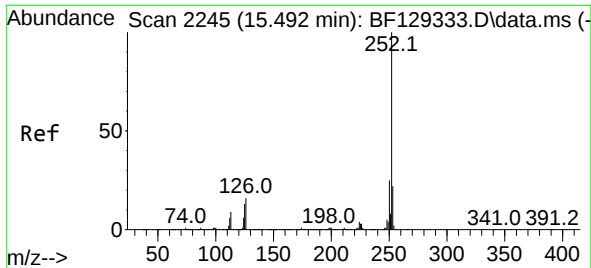
Tgt Ion:252 Resp: 71816
Ion Ratio Lower Upper
252 100
253 23.6 17.7 26.5
125 14.3 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 3.774 ng
RT: 15.051 min Scan# 2170
Delta R.T. -0.041 min
Lab File: BF129727.D
Acq: 11 Aug 2022 21:41

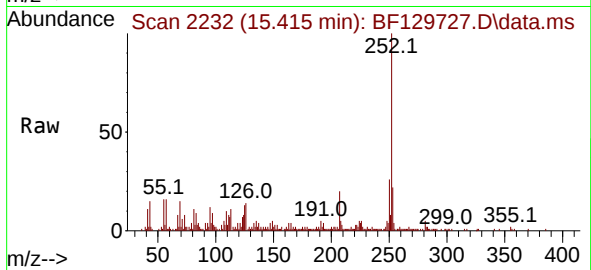
Tgt Ion:252 Resp: 71816
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.6
125 14.3 8.3 12.5#





#90
 Benzo(a)pyrene
 Concen: 2.314 ng
 RT: 15.415 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129727.D
 Acq: 11 Aug 2022 21:41

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:252 Resp: 36472
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.0 25.6
 125 13.4 8.8 13.2#

