

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129731.D
 Acq On : 11 Aug 2022 23:51
 Operator : CG\JU
 Sample : N4130-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB03

Quant Time: Aug 12 01:26:03 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)

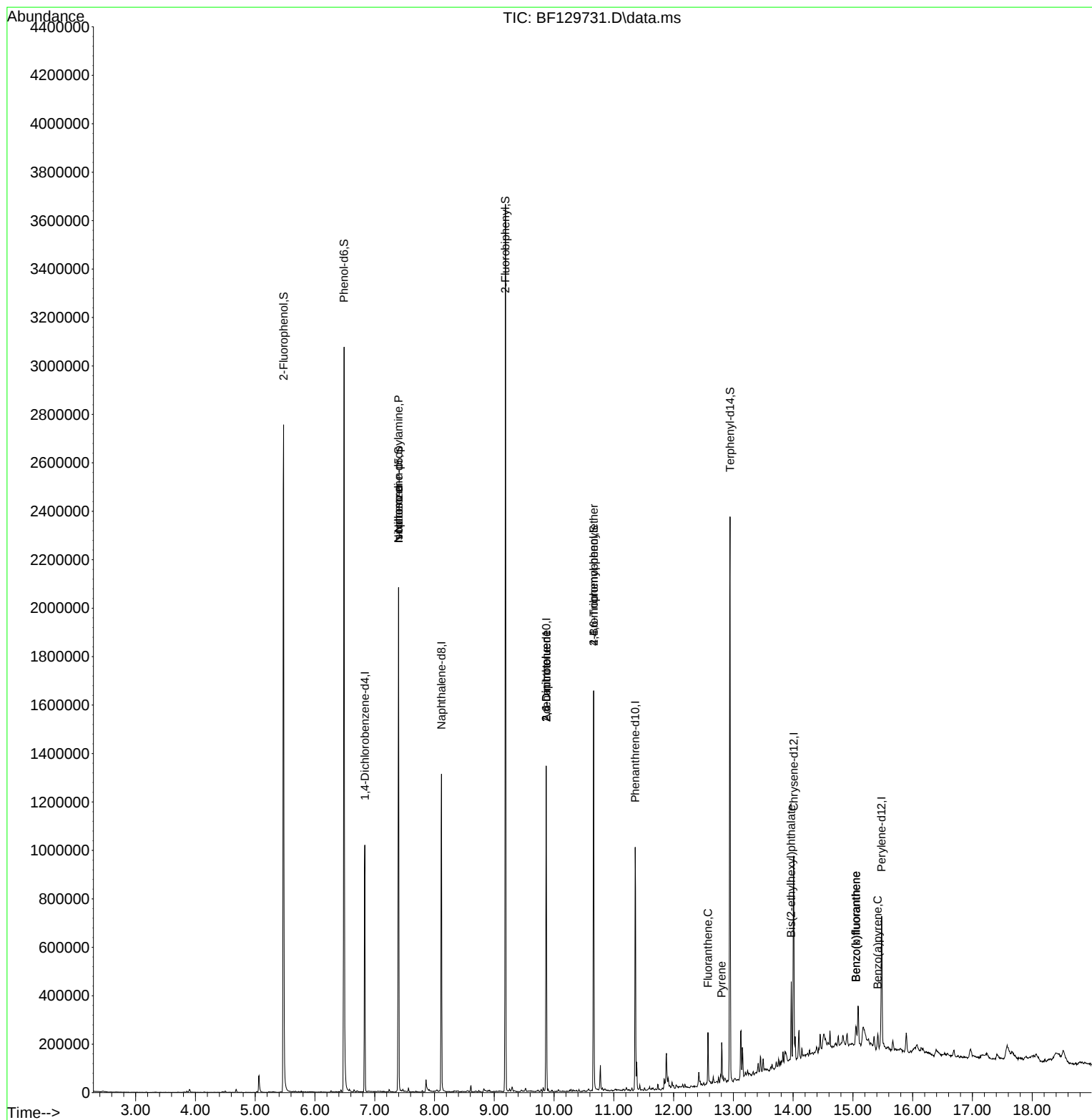
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	148810	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	556761	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	247571	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	351826	20.000	ng	#-0.01
76) Chrysene-d12	14.010	240	278794	20.000	ng	-0.01
86) Perylene-d12	15.480	264	233650	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	785589	85.997	ng	0.00
7) Phenol-d6	6.487	99	966637	84.186	ng	0.00
23) Nitrobenzene-d5	7.399	82	601984	59.023	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	176662	74.221	ng	-0.01
45) 2-Fluorobiphenyl	9.187	172	1010761	63.157	ng	-0.01
79) Terphenyl-d14	12.945	244	769092	52.044	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.399	70	79613	11.453	ng	# 72
25) Isophorone	7.399	82	601975	32.927	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	32534	8.505	ng	# 25
57) 2,4-Dinitrotoluene	9.869	165	32534	6.511	ng	# 21
67) 4-Bromophenyl-phenylether	10.663	248	10614	2.755	ng	# 1
75) Fluoranthene	12.575	202	69091	3.551	ng	98
78) Pyrene	12.804	202	61839	2.652	ng	98
84) Bis(2-ethylhexyl)phtha...	13.969	149	82017	6.161	ng	99
88) Benzo(b)fluoranthene	15.051	252	55254	3.565	ng	# 96
89) Benzo(k)fluoranthene	15.051	252	55254	3.638	ng	# 97
90) Benzo(a)pyrene	15.416	252	25239	2.006	ng	# 90

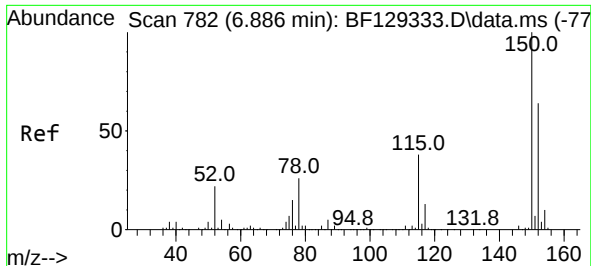
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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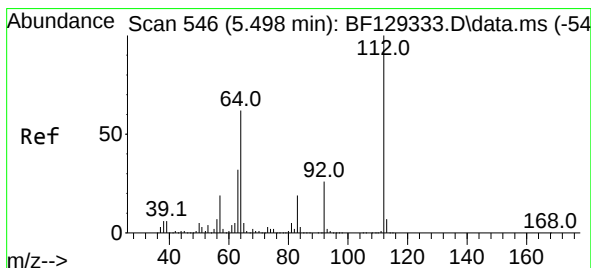
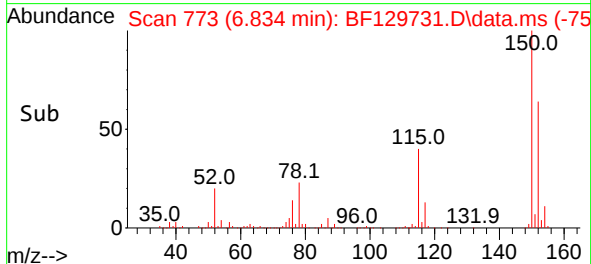
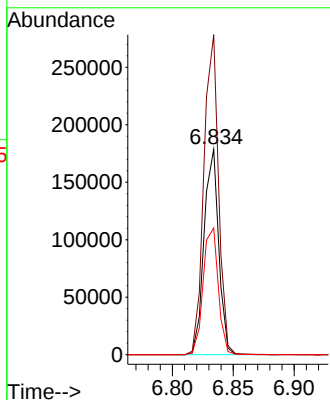
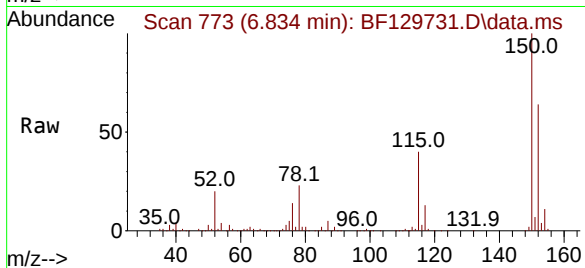




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129731.D
 Acq: 11 Aug 2022 23:51

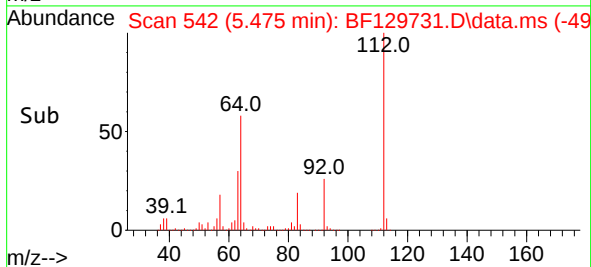
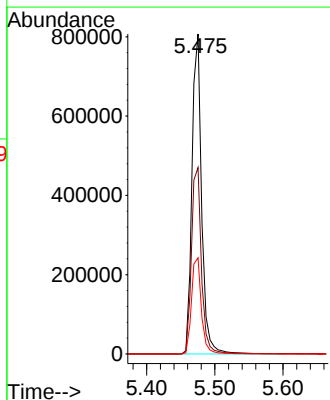
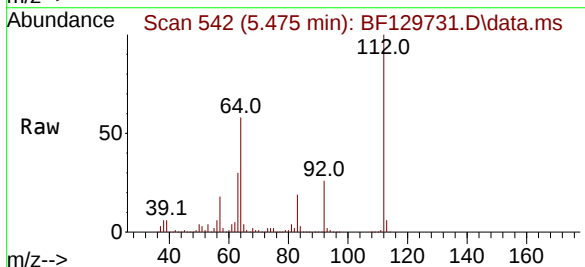
Instrument :
 BNA_F
 ClientSampleId :
 SB03

Tgt Ion:152 Resp: 148810
 Ion Ratio Lower Upper
 152 100
 150 155.7 123.7 185.5
 115 61.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 85.997 ng
 RT: 5.475 min Scan# 542
 Delta R.T. 0.006 min
 Lab File: BF129731.D
 Acq: 11 Aug 2022 23:51

Tgt Ion:112 Resp: 785589
 Ion Ratio Lower Upper
 112 100
 64 58.2 53.3 79.9
 63 30.1 28.0 42.0

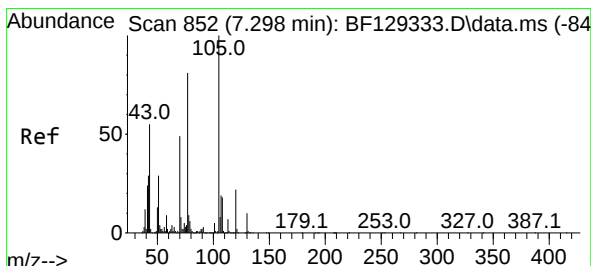
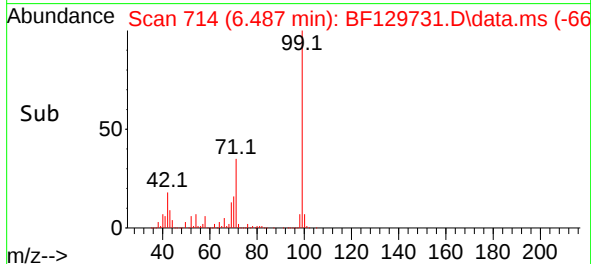
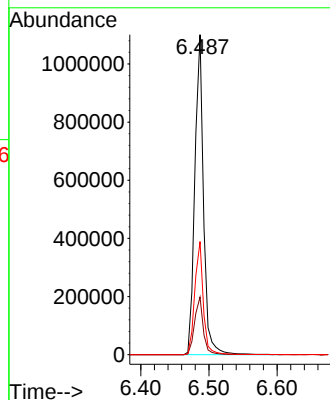
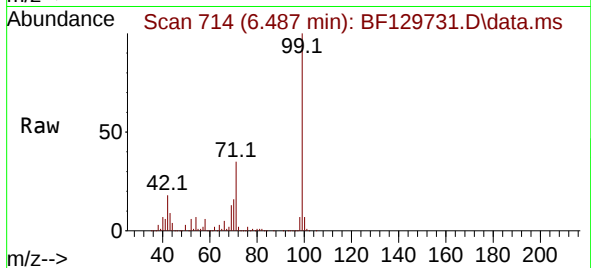




#7
Phenol-d6
Concen: 84.186 ng
RT: 6.487 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129731.D
Acq: 11 Aug 2022 23:51

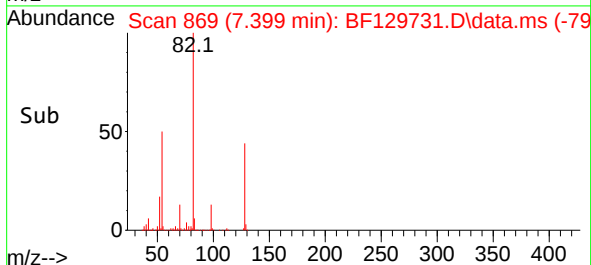
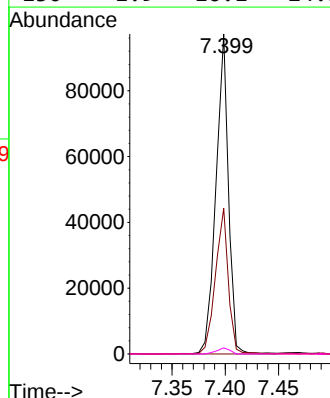
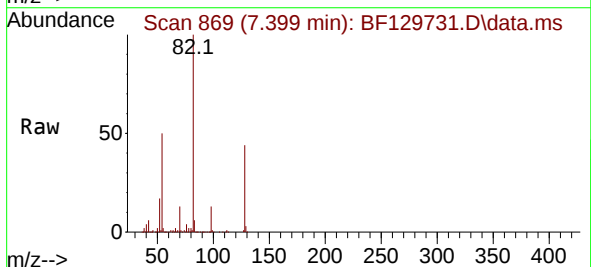
Instrument :
BNA_F
ClientSampleId :
SB03

Tgt Ion: 99 Resp: 966637
Ion Ratio Lower Upper
99 100
42 18.0 17.3 25.9
71 35.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.453 ng
RT: 7.399 min Scan# 869
Delta R.T. 0.141 min
Lab File: BF129731.D
Acq: 11 Aug 2022 23:51

Tgt Ion: 70 Resp: 79613
Ion Ratio Lower Upper
70 100
42 45.5 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#



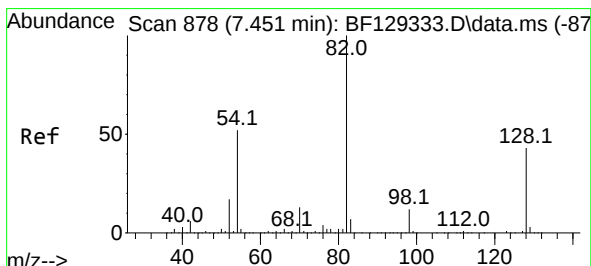
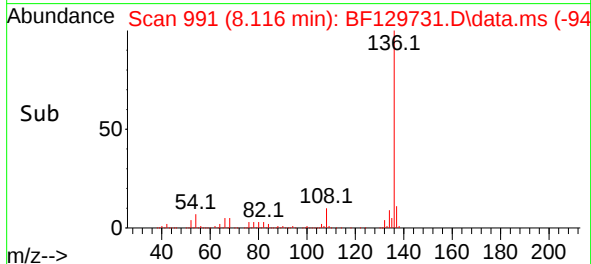
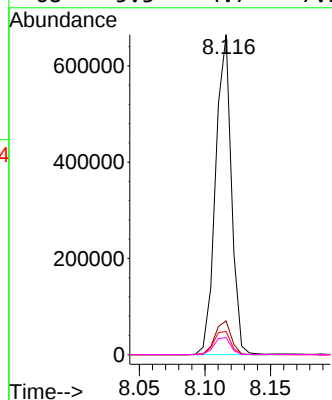
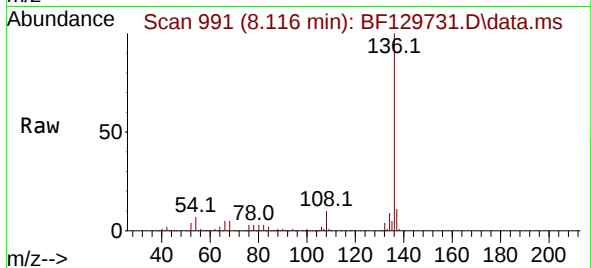


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129731.D
Acq: 11 Aug 2022 23:51

Instrument :
BNA_F
ClientSampleId :
SB03

Tgt Ion:136 Resp: 556761

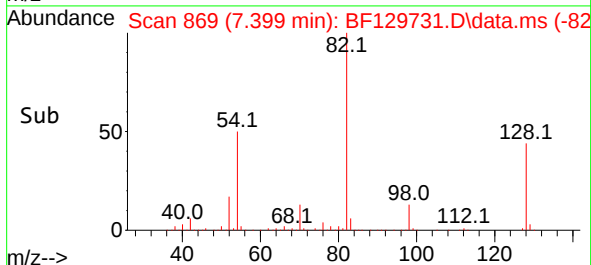
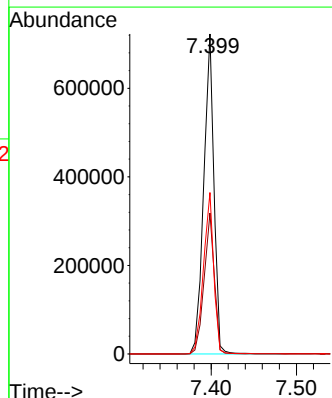
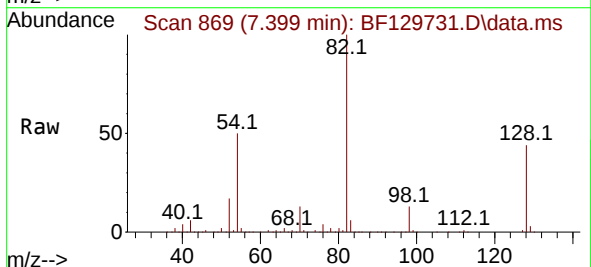
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.3	7.5	11.3#
68	5.3	4.7	7.1

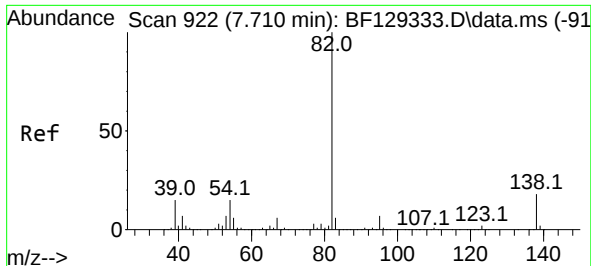


#23
Nitrobenzene-d5
Concen: 59.023 ng
RT: 7.399 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF129731.D
Acq: 11 Aug 2022 23:51

Tgt Ion: 82 Resp: 601984

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.0	51.0
54	50.5	46.9	70.3

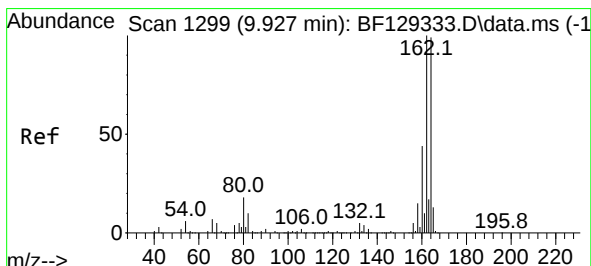
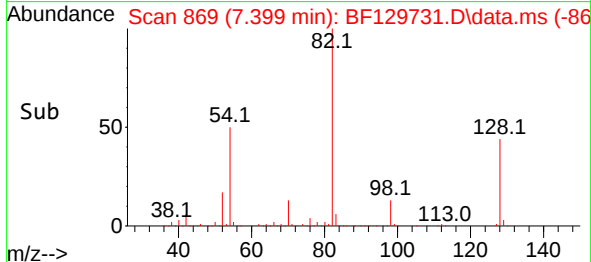
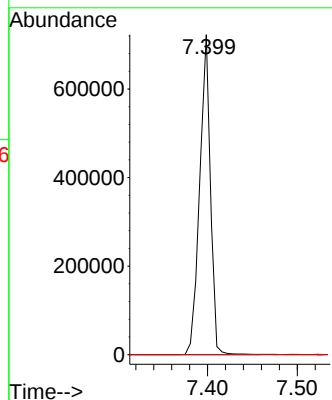
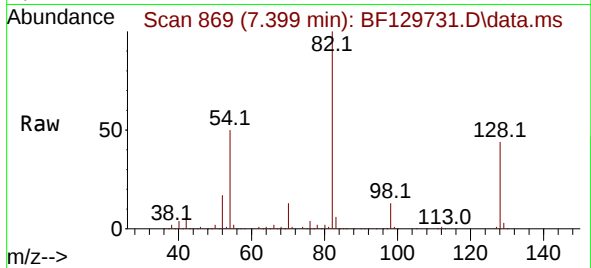




#25
Isophorone
Concen: 32.927 ng
RT: 7.399 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF129731.D
Acq: 11 Aug 2022 23:51

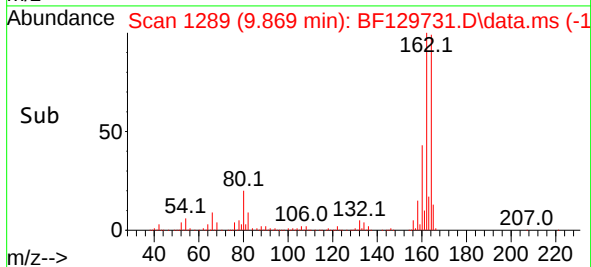
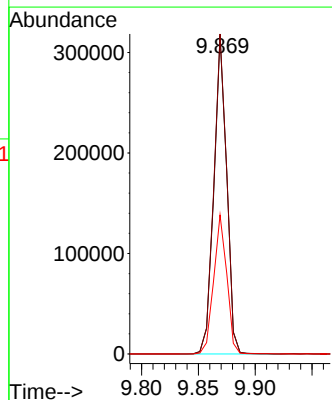
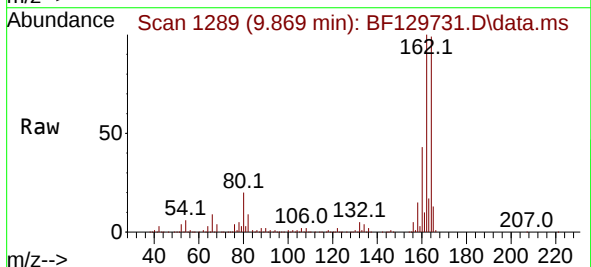
Instrument :
BNA_F
ClientSampleId :
SB03

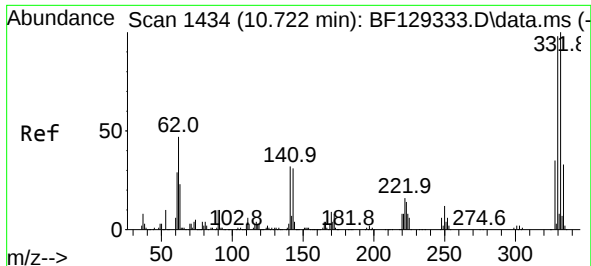
Tgt Ion: 82 Resp: 601975
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF129731.D
Acq: 11 Aug 2022 23:51

Tgt Ion: 164 Resp: 247571
Ion Ratio Lower Upper
164 100
162 100.6 79.5 119.3
160 43.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 74.221 ng

RT: 10.663 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129731.D

Acq: 11 Aug 2022 23:51

Instrument :

BNA_F

ClientSampleId :

SB03

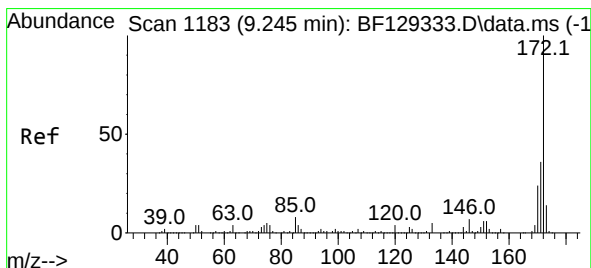
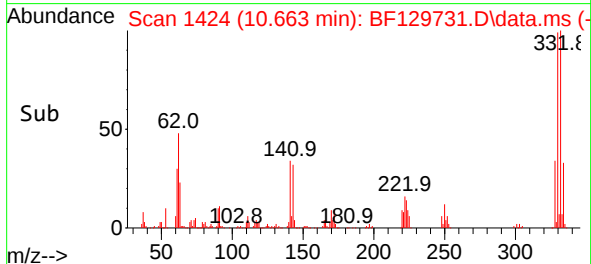
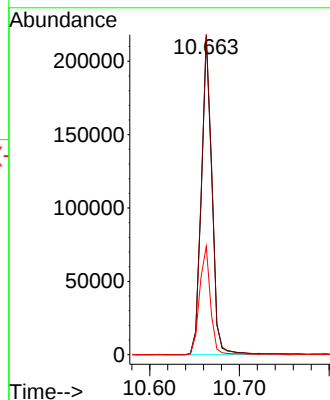
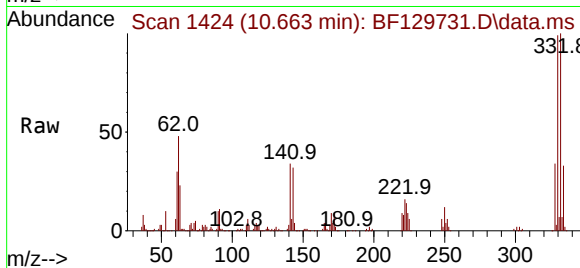
Tgt Ion:330 Resp: 176662

Ion Ratio Lower Upper

330 100

332 102.0 76.8 115.2

141 35.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 63.157 ng

RT: 9.187 min Scan# 1173

Delta R.T. -0.012 min

Lab File: BF129731.D

Acq: 11 Aug 2022 23:51

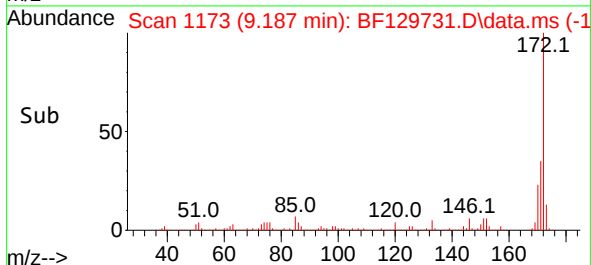
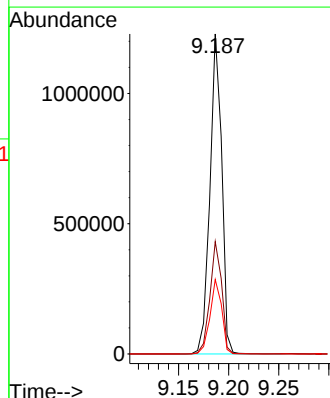
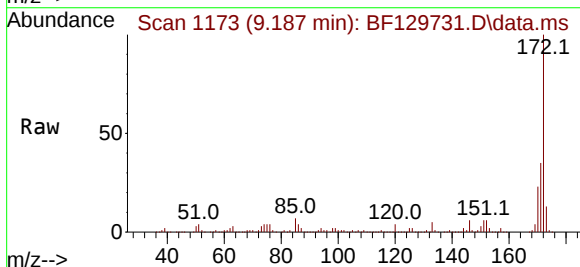
Tgt Ion:172 Resp: 1010761

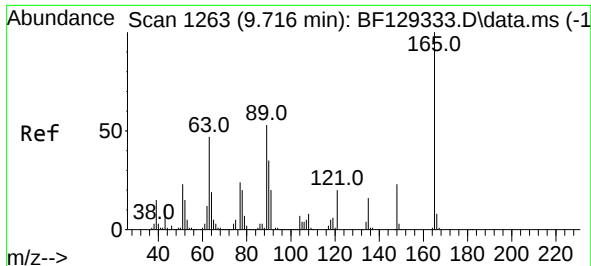
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.3 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.505 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF129731.D

Acq: 11 Aug 2022 23:51

Instrument :

BNA_F

ClientSampleId :

SB03

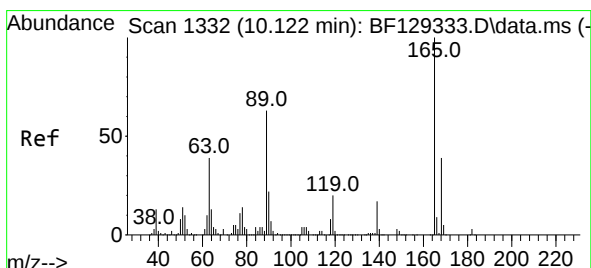
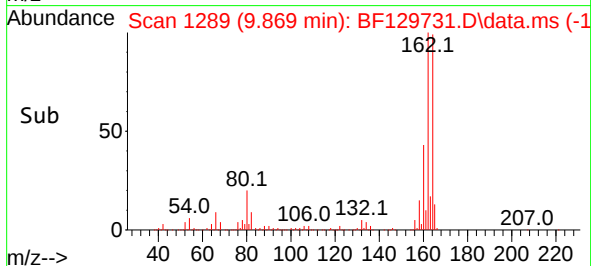
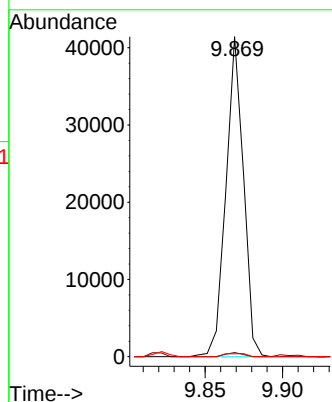
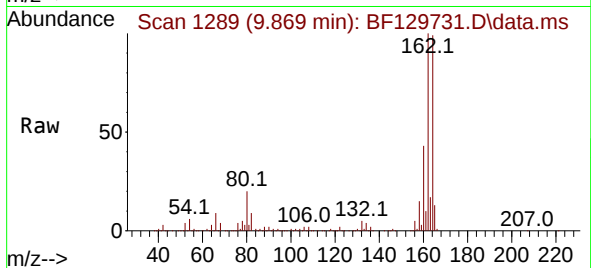
Tgt Ion:165 Resp: 32534

Ion Ratio Lower Upper

165 100

63 1.3 44.9 67.3#

89 0.9 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.511 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.212 min

Lab File: BF129731.D

Acq: 11 Aug 2022 23:51

Tgt Ion:165 Resp: 32534

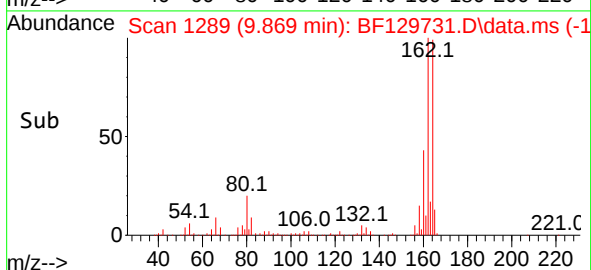
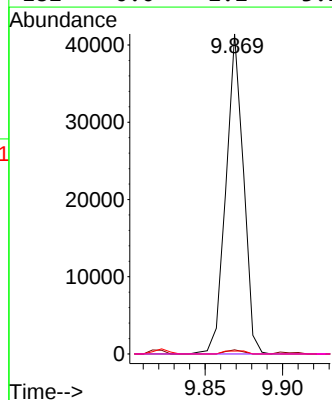
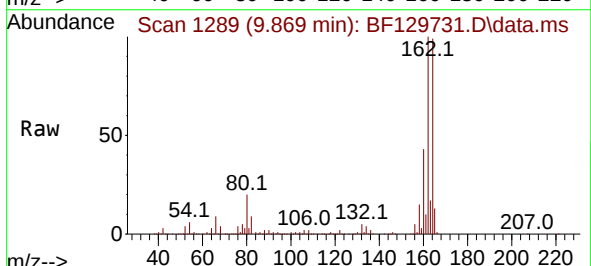
Ion Ratio Lower Upper

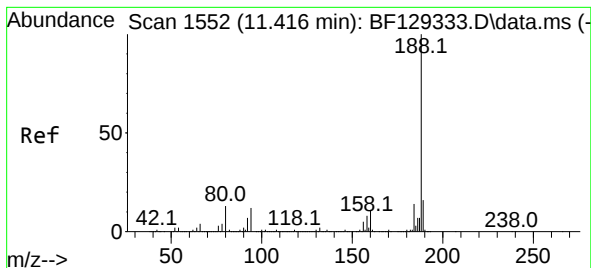
165 100

63 1.3 39.8 59.6#

89 0.9 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

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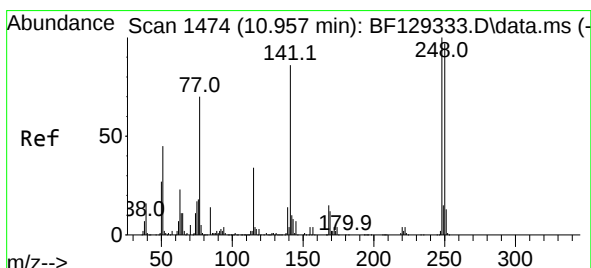
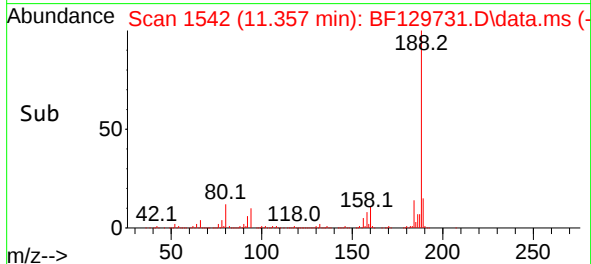
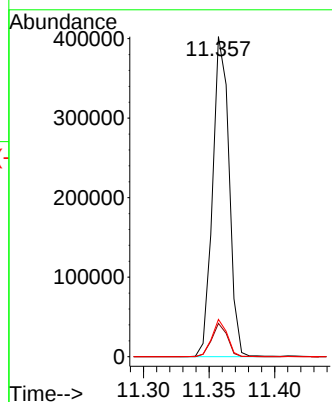
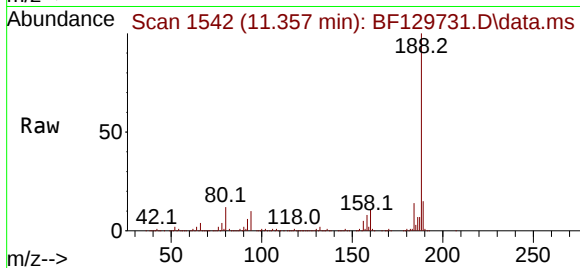
Tgt Ion:188 Resp: 351826

Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.6

80 11.6 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 2.755 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.247 min

Lab File: BF129731.D

Acq: 11 Aug 2022 23:51

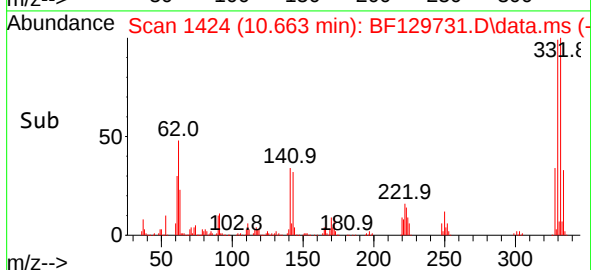
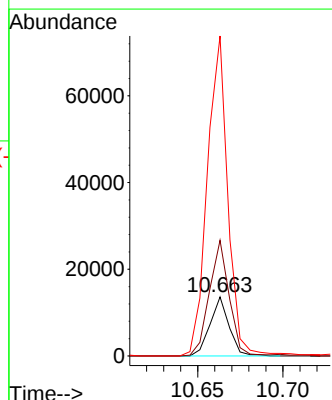
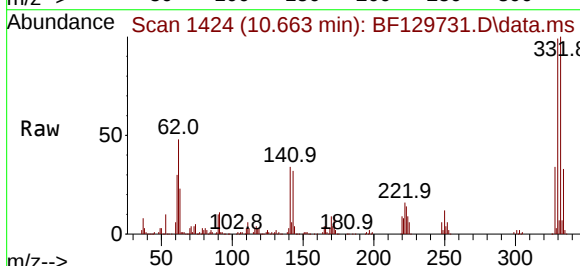
Tgt Ion:248 Resp: 10614

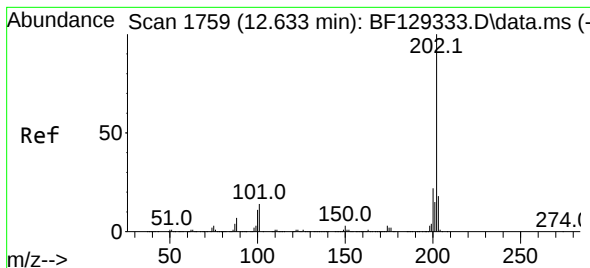
Ion Ratio Lower Upper

248 100

250 196.1 80.6 120.8#

141 542.1 58.9 88.3#





#75

Fluoranthene

Concen: 3.551 ng

RT: 12.575 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129731.D

Acq: 11 Aug 2022 23:51

Instrument :

BNA_F

ClientSampleId :

SB03

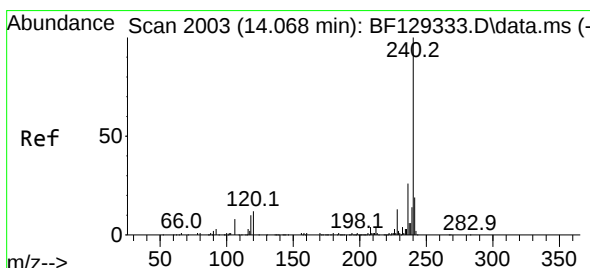
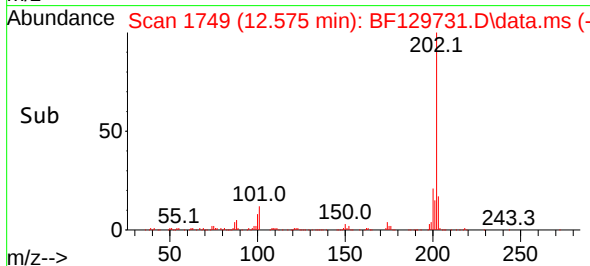
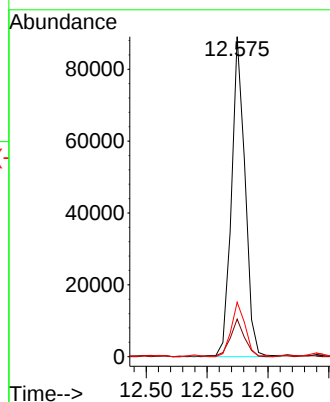
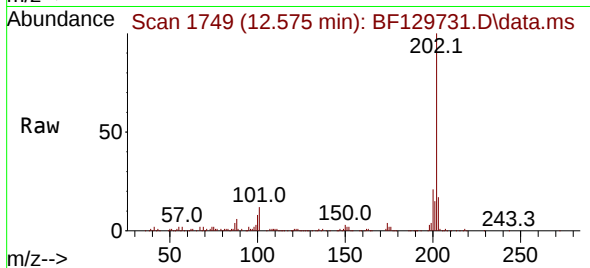
Tgt Ion:202 Resp: 69091

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.4

203 17.0 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 1993

Delta R.T. -0.012 min

Lab File: BF129731.D

Acq: 11 Aug 2022 23:51

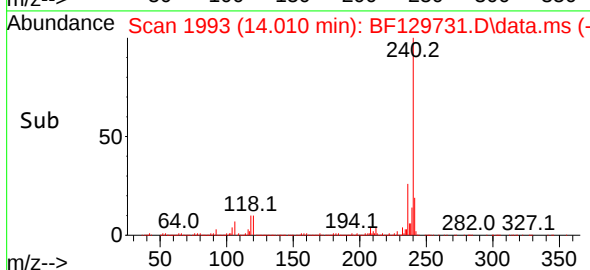
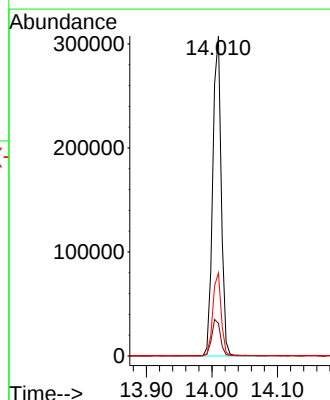
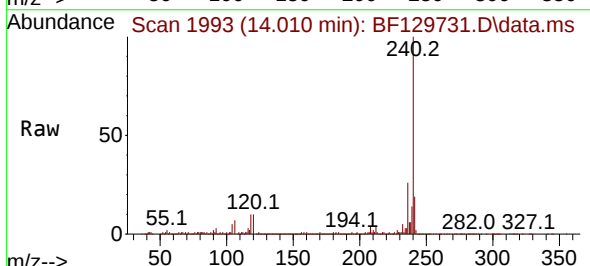
Tgt Ion:240 Resp: 278794

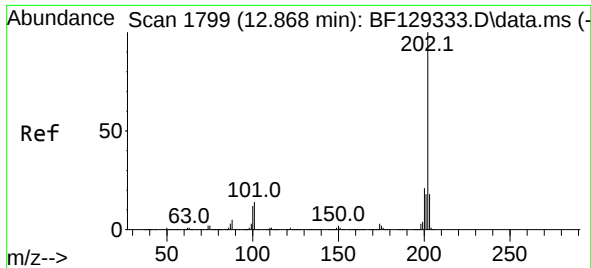
Ion Ratio Lower Upper

240 100

120 10.2 8.9 13.3

236 25.9 20.8 31.2

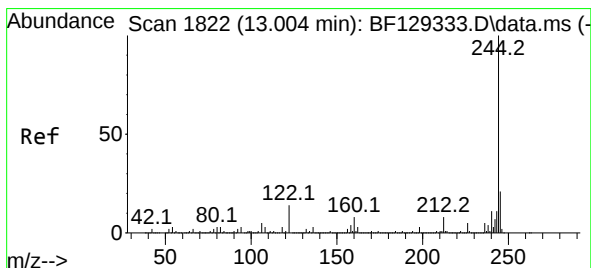
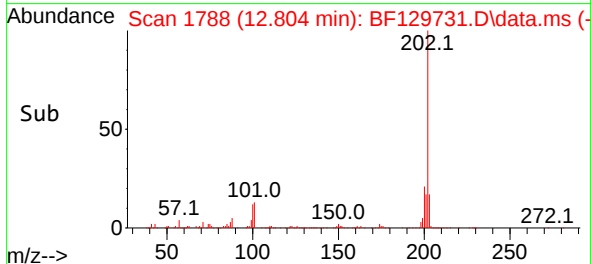
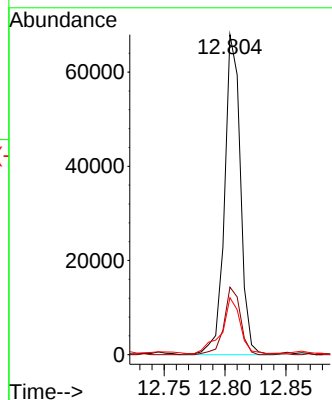
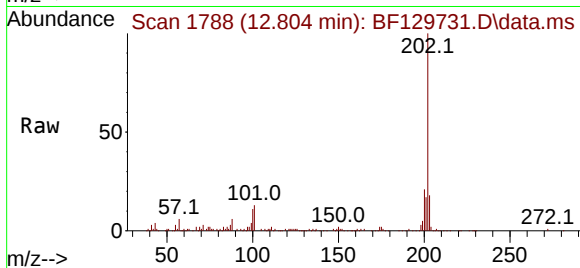




#78
 Pyrene
 Concen: 2.652 ng
 RT: 12.804 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF129731.D
 Acq: 11 Aug 2022 23:51

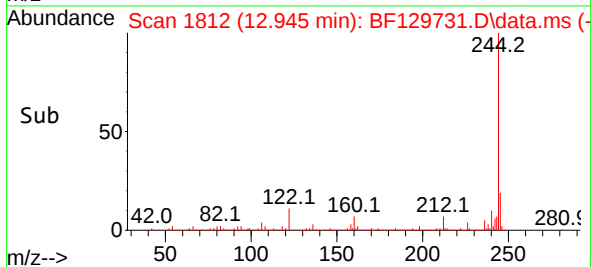
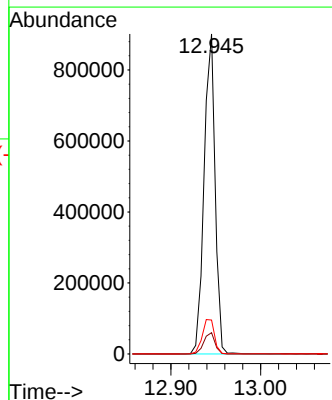
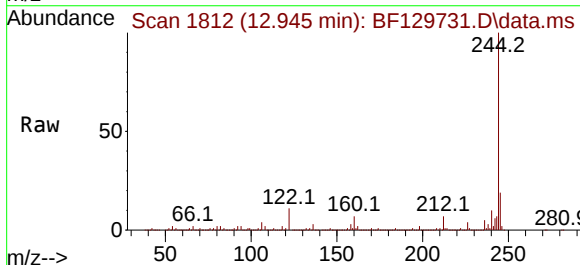
Instrument :
 BNA_F
 ClientSampleId :
 SB03

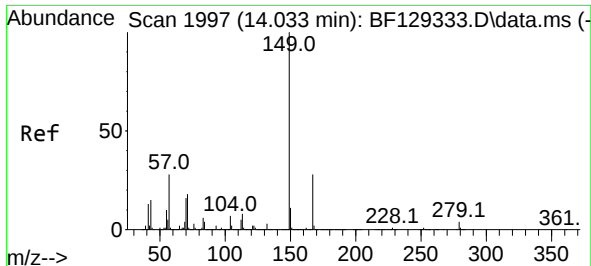
Tgt Ion:202 Resp: 61839
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.7 26.5
 203 17.8 14.6 21.8



#79
 Terphenyl-d14
 Concen: 52.044 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. -0.012 min
 Lab File: BF129731.D
 Acq: 11 Aug 2022 23:51

Tgt Ion:244 Resp: 769092
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 10.6 8.8 13.2

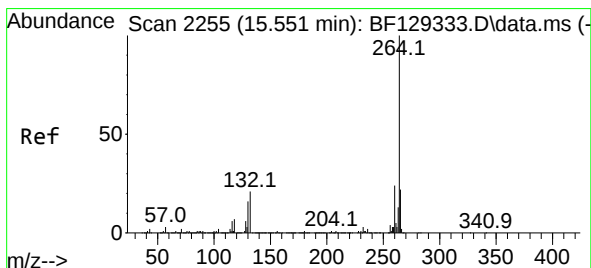
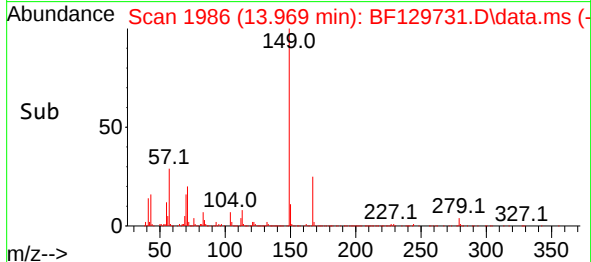
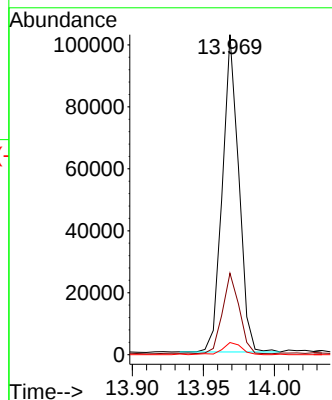
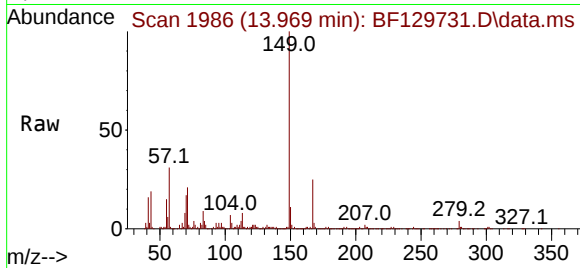




#84
Bis(2-ethylhexyl)phthalate
Concen: 6.161 ng
RT: 13.969 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BF129731.D
Acq: 11 Aug 2022 23:51

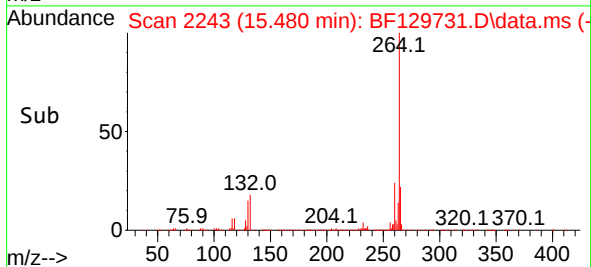
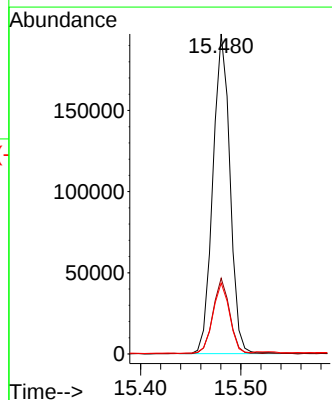
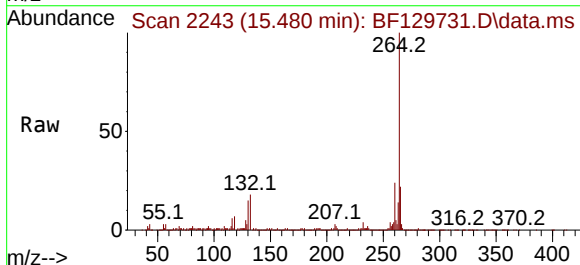
Instrument :
BNA_F
ClientSampleId :
SB03

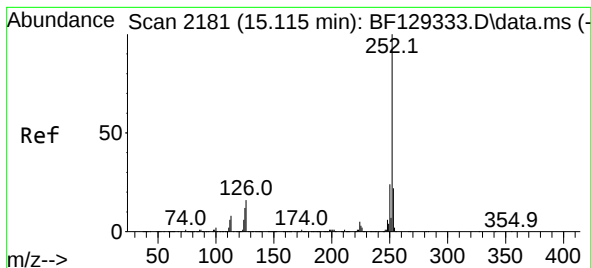
Tgt Ion:149 Resp: 82017
Ion Ratio Lower Upper
149 100
167 25.5 21.0 31.4
279 3.8 3.1 4.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2243
Delta R.T. -0.012 min
Lab File: BF129731.D
Acq: 11 Aug 2022 23:51

Tgt Ion:264 Resp: 233650
Ion Ratio Lower Upper
264 100
260 23.7 18.4 27.6
265 22.2 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 3.565 ng

RT: 15.051 min Scan# 2170

Delta R.T. -0.012 min

Lab File: BF129731.D

Acq: 11 Aug 2022 23:51

Instrument :

BNA_F

ClientSampleId :

SB03

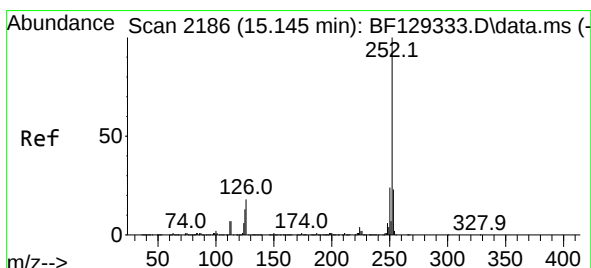
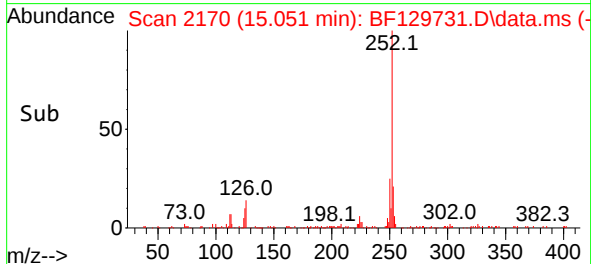
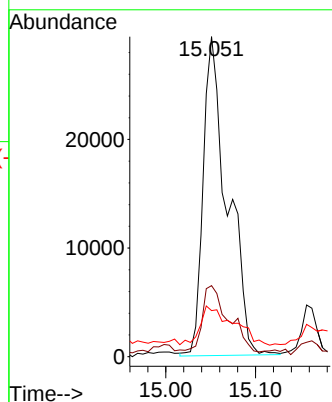
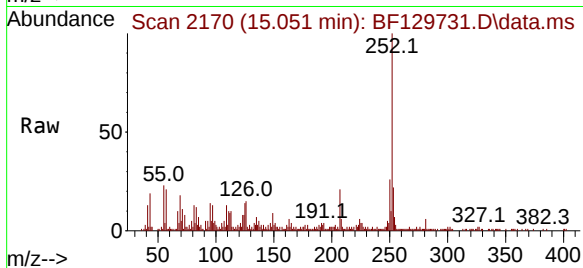
Tgt Ion:252 Resp: 55254

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 14.4 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 3.638 ng

RT: 15.051 min Scan# 2170

Delta R.T. -0.041 min

Lab File: BF129731.D

Acq: 11 Aug 2022 23:51

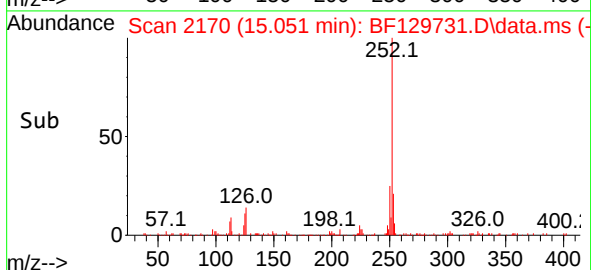
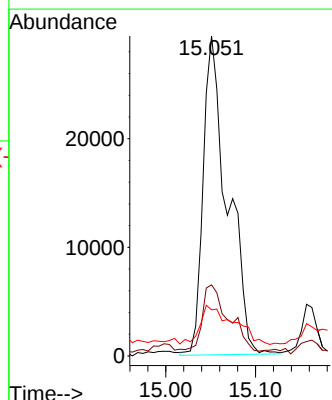
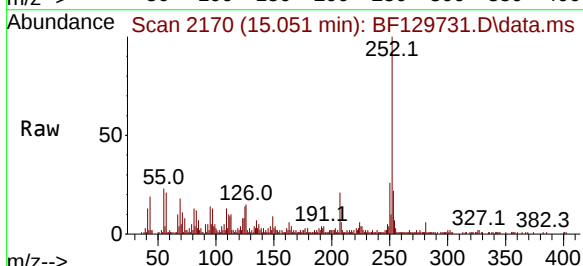
Tgt Ion:252 Resp: 55254

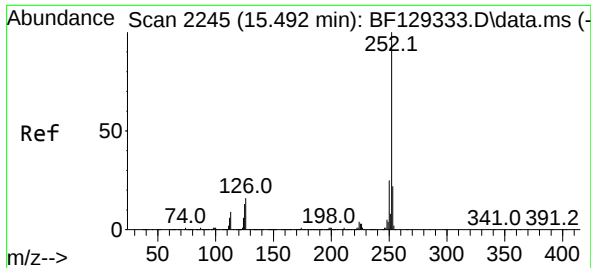
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

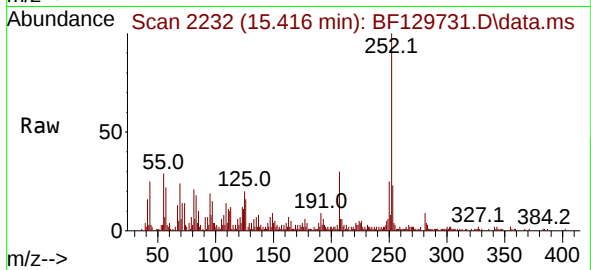
125 14.4 8.3 12.5#





#90
Benzo(a)pyrene
Concen: 2.006 ng
RT: 15.416 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129731.D
Acq: 11 Aug 2022 23:51

Instrument :
BNA_F
ClientSampleId :
SB03



Tgt Ion:252 Resp: 25239
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.6
125 19.5 8.8 13.2#

