

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129733.D
 Acq On : 12 Aug 2022 00:55
 Operator : CG\JU
 Sample : N4130-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB04

Quant Time: Aug 12 01:27:09 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)

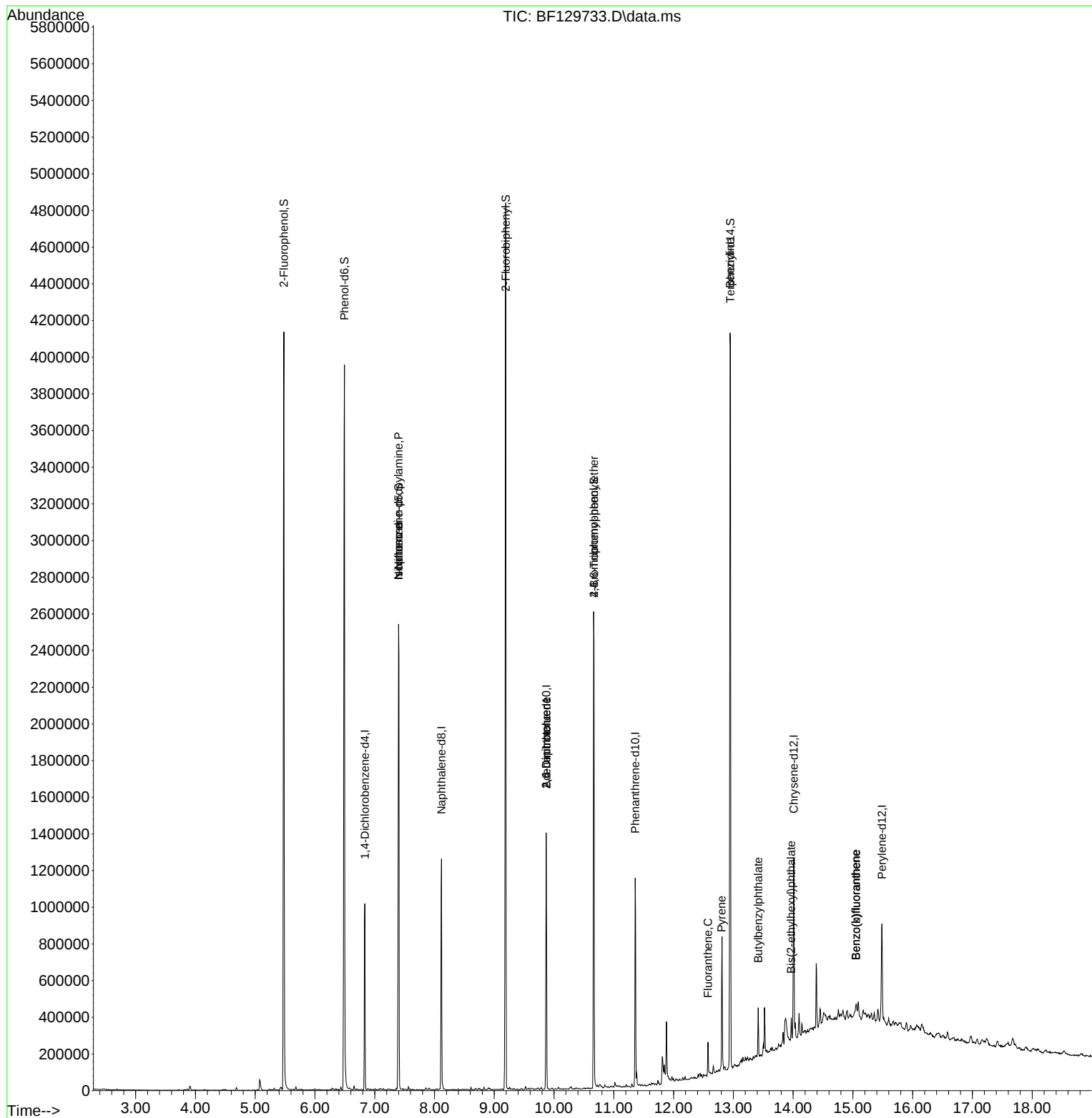
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	147793	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	554783	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	258872	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	400601	20.000	ng	#-0.01
76) Chrysene-d12	14.010	240	305135	20.000	ng	-0.01
86) Perylene-d12	15.486	264	240660	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1173176	129.309	ng	0.01
7) Phenol-d6	6.493	99	1451360	127.270	ng	0.00
23) Nitrobenzene-d5	7.398	82	918988	90.425	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	318856	128.113	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1560750	93.266	ng	0.00
79) Terphenyl-d14	12.951	244	1475798	91.245	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	124777	18.074	ng	# 72
25) Isophorone	7.398	82	918974	50.445	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	33827	8.457	ng	# 25
57) 2,4-Dinitrotoluene	9.869	165	33827	6.474	ng	# 21
67) 4-Bromophenyl-phenylether	10.669	248	19937	4.545	ng	# 1
75) Fluoranthene	12.575	202	60192	2.717	ng	99
77) Benzidine	12.945	184	21603	2.004	ng	# 90
78) Pyrene	12.804	202	58471	2.292	ng	100
80) Butylbenzylphthalate	13.416	149	53798	4.861	ng	97
84) Bis(2-ethylhexyl)phtha...	13.969	149	34111	2.341	ng	97
88) Benzo(b)fluoranthene	15.051	252	51211	3.208	ng	# 84
89) Benzo(k)fluoranthene	15.051	252	51211	3.274	ng	# 84

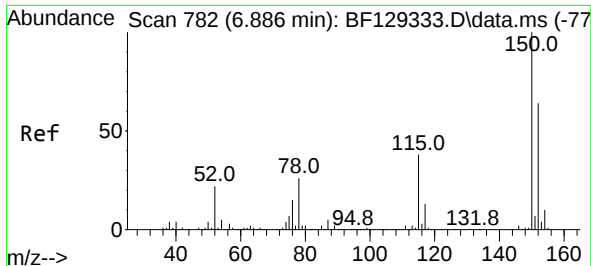
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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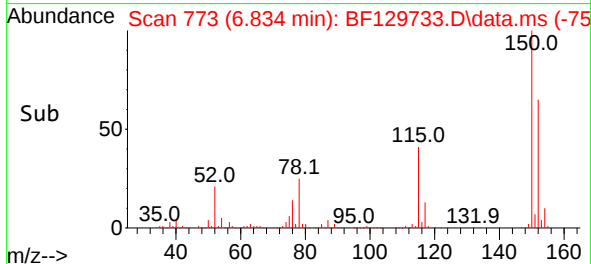
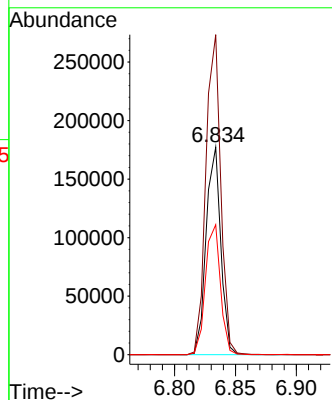
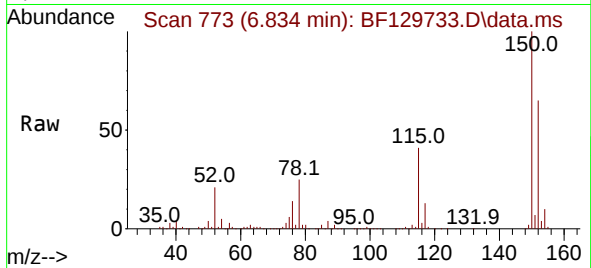




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129733.D
 Acq: 12 Aug 2022 00:55

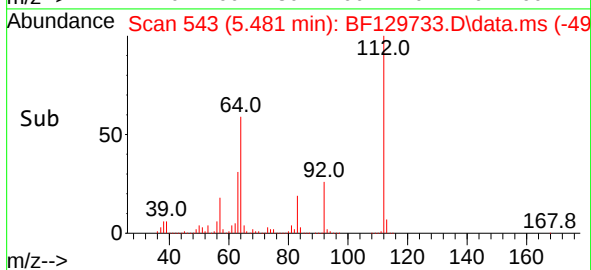
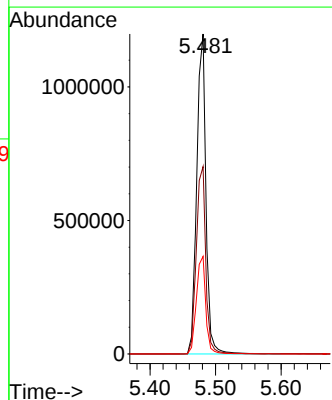
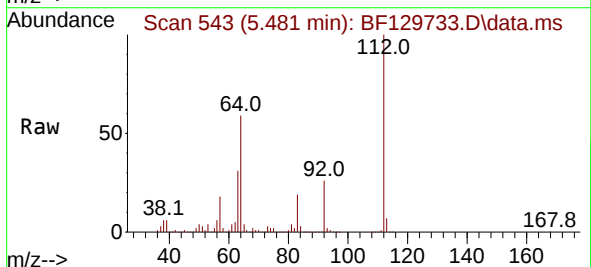
Instrument :
 BNA_F
 ClientSampleId :
 SB04

Tgt Ion:152 Resp: 147793
 Ion Ratio Lower Upper
 152 100
 150 154.2 123.7 185.5
 115 62.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 129.309 ng
 RT: 5.481 min Scan# 543
 Delta R.T. 0.012 min
 Lab File: BF129733.D
 Acq: 12 Aug 2022 00:55

Tgt Ion:112 Resp: 1173176
 Ion Ratio Lower Upper
 112 100
 64 58.6 53.3 79.9
 63 30.5 28.0 42.0

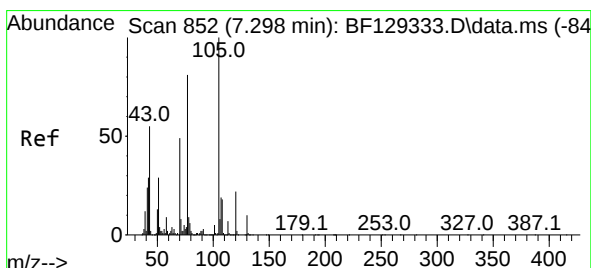
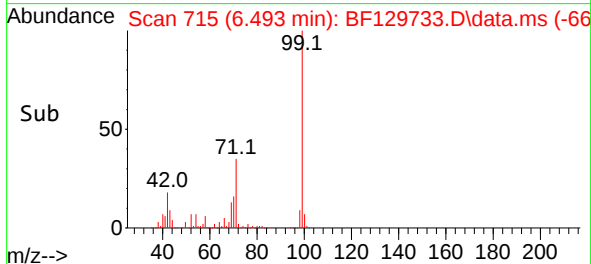
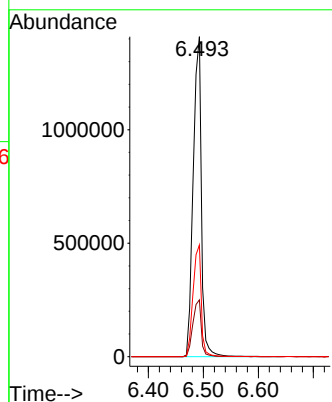
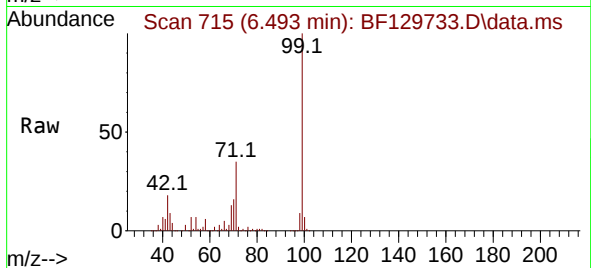




#7
Phenol-d6
Concen: 127.270 ng
RT: 6.493 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

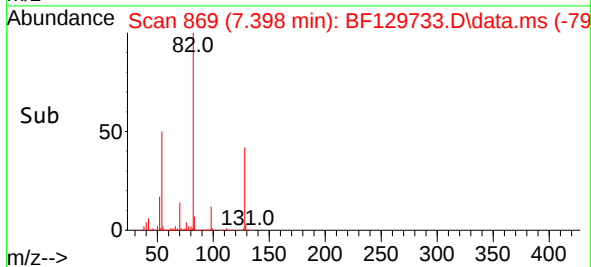
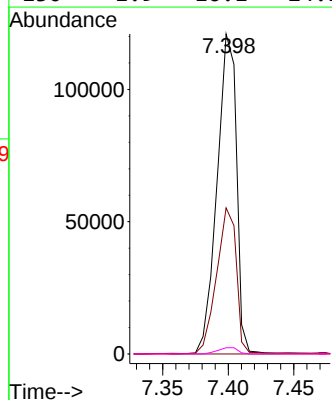
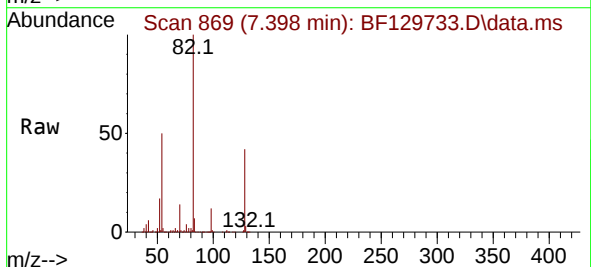
Instrument :
BNA_F
ClientSampleId :
SB04

Tgt Ion: 99 Resp: 1451360
Ion Ratio Lower Upper
99 100
42 17.8 17.3 25.9
71 34.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.074 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.141 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

Tgt Ion: 70 Resp: 124777
Ion Ratio Lower Upper
70 100
42 45.7 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

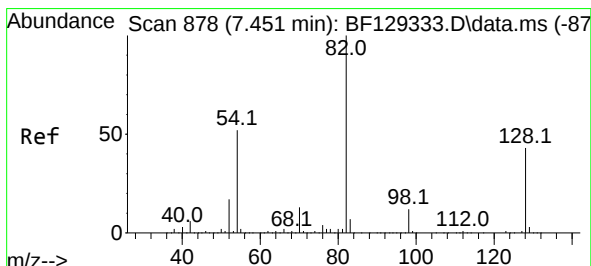
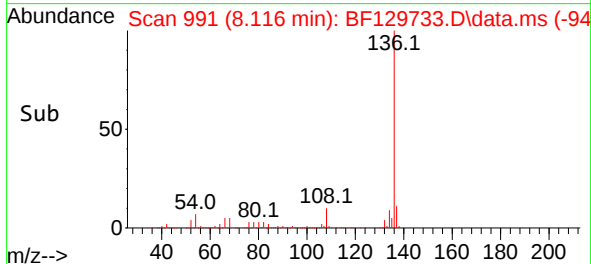
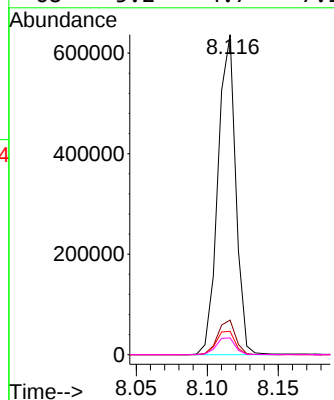
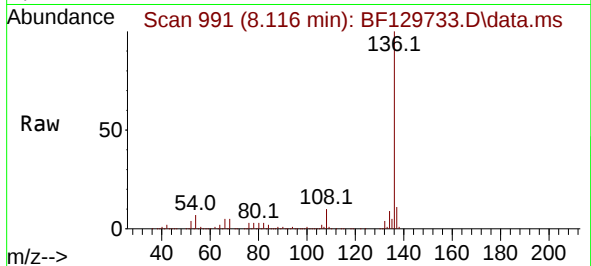




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

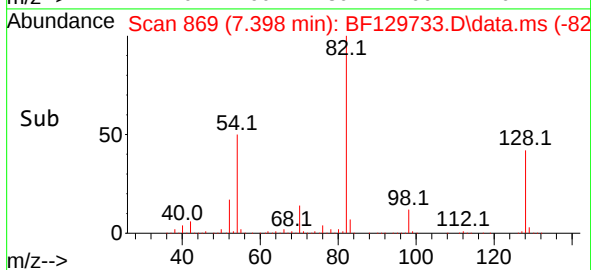
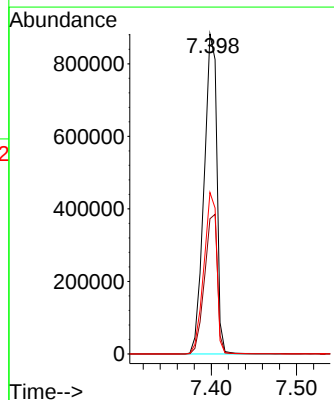
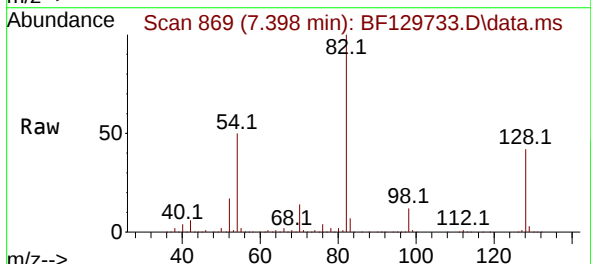
Instrument :
BNA_F
ClientSampleId :
SB04

Tgt Ion:136 Resp: 554783
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.3 7.5 11.3#
68 5.2 4.7 7.1



#23
Nitrobenzene-d5
Concen: 90.425 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

Tgt Ion: 82 Resp: 918988
Ion Ratio Lower Upper
82 100
128 42.2 34.0 51.0
54 50.4 46.9 70.3

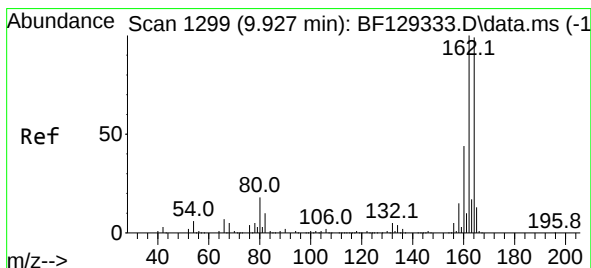
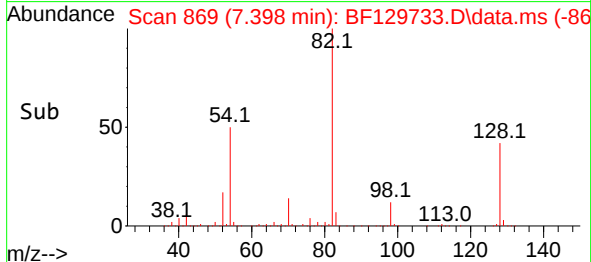
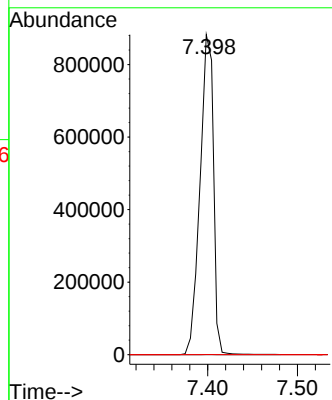
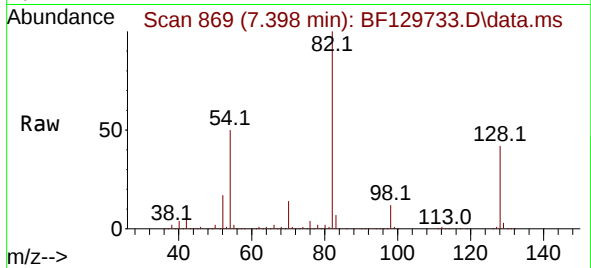




#25
Isophorone
Concen: 50.445 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

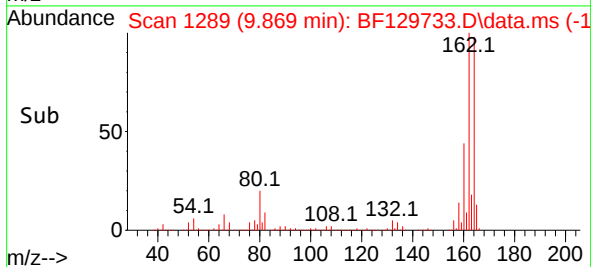
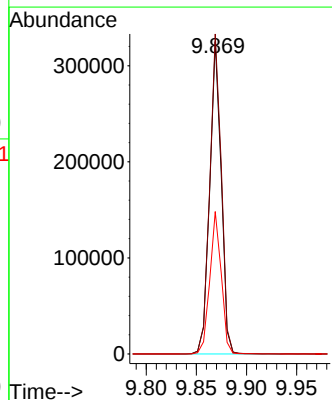
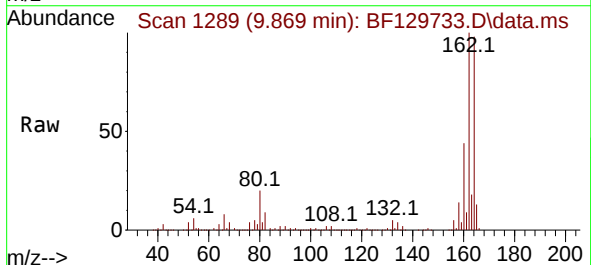
Instrument :
BNA_F
ClientSampleId :
SB04

Tgt Ion: 82 Resp: 918974
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: BF129733.D
Acq: 12 Aug 2022 00:55

Tgt Ion: 164 Resp: 258872
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 45.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 128.113 ng

RT: 10.669 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129733.D

Acq: 12 Aug 2022 00:55

Instrument :

BNA_F

ClientSampleId :

SB04

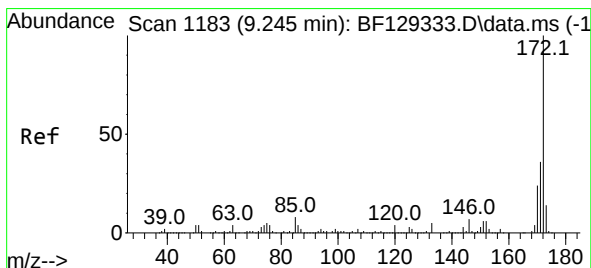
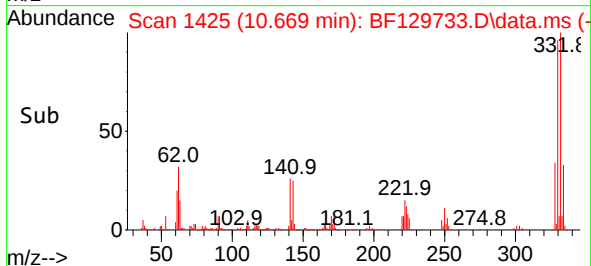
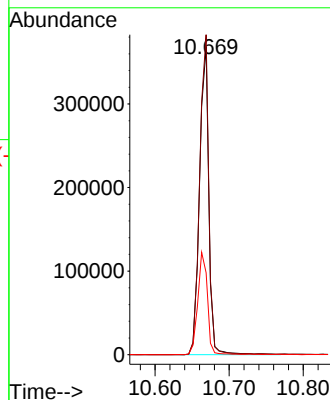
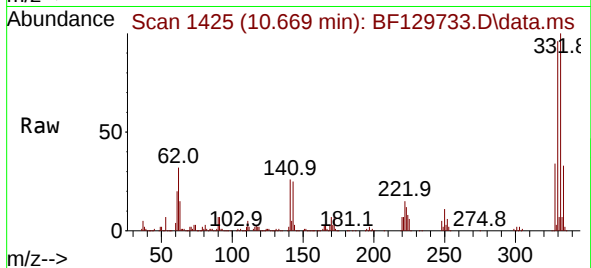
Tgt Ion:330 Resp: 318856

Ion Ratio Lower Upper

330 100

332 102.4 76.8 115.2

141 34.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 93.266 ng

RT: 9.192 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF129733.D

Acq: 12 Aug 2022 00:55

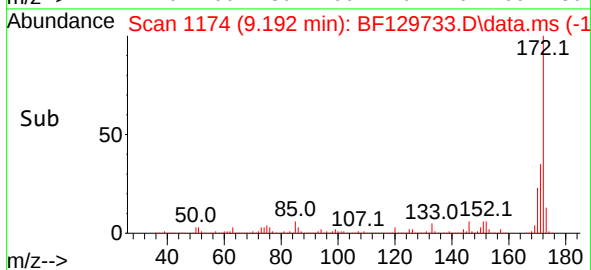
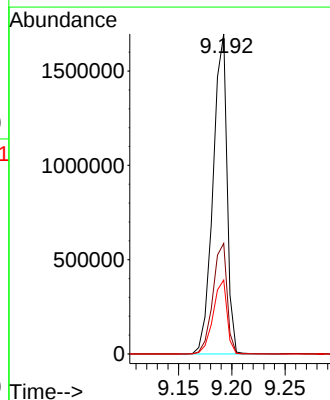
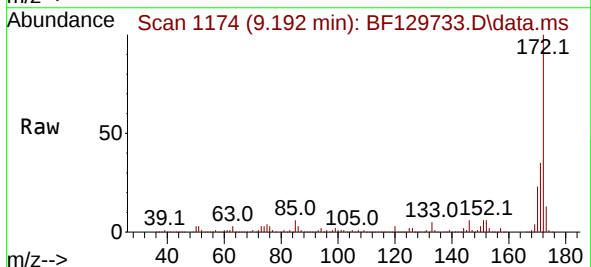
Tgt Ion:172 Resp: 1560750

Ion Ratio Lower Upper

172 100

171 34.6 28.8 43.2

170 23.1 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.457 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF129733.D

Acq: 12 Aug 2022 00:55

Instrument :

BNA_F

ClientSampleId :

SB04

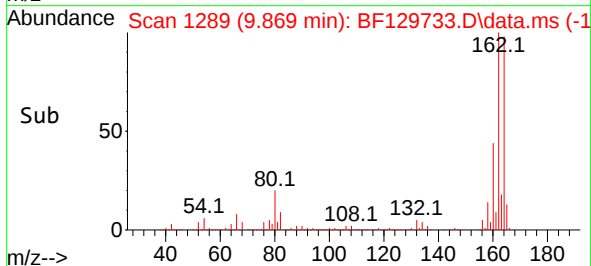
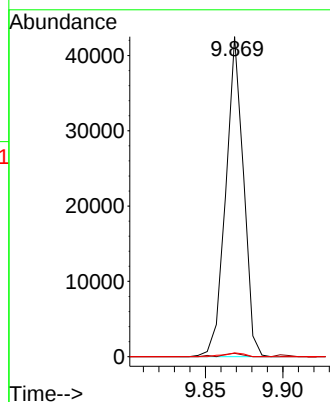
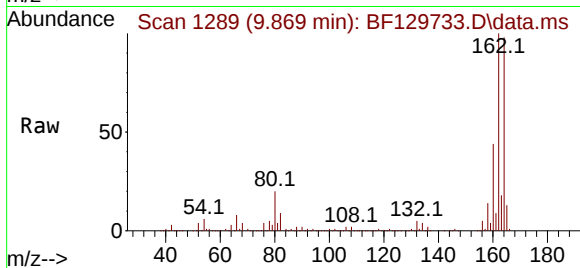
Tgt Ion:165 Resp: 33827

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.2 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.474 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.212 min

Lab File: BF129733.D

Acq: 12 Aug 2022 00:55

Tgt Ion:165 Resp: 33827

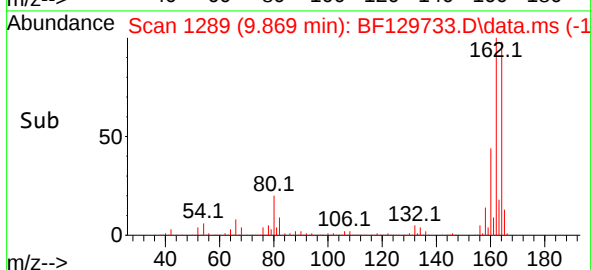
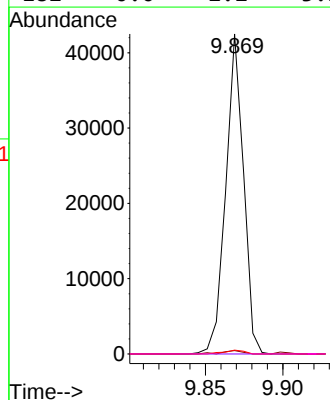
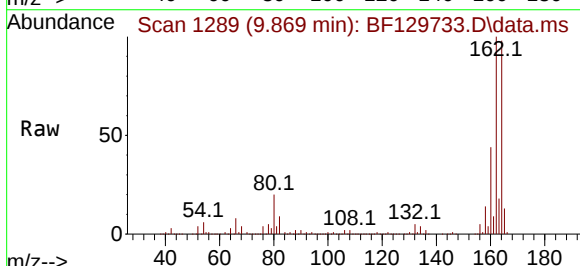
Ion Ratio Lower Upper

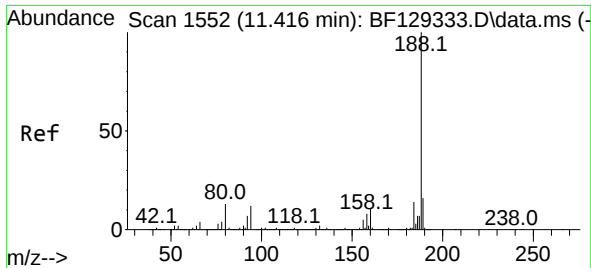
165 100

63 1.0 39.8 59.6#

89 1.2 60.2 90.2#

182 0.0 2.2 3.2#

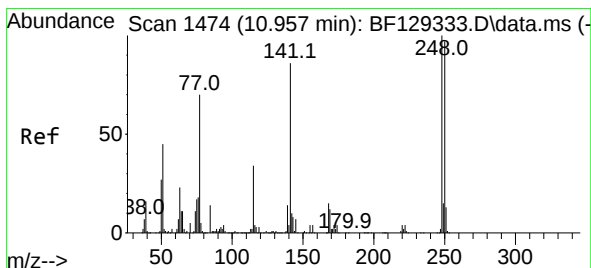
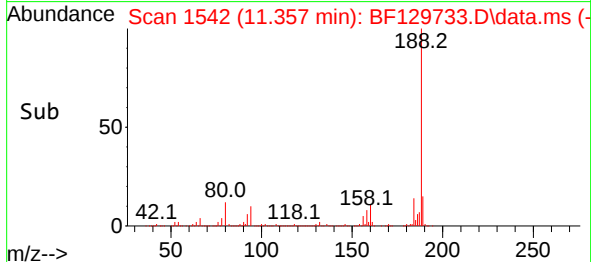
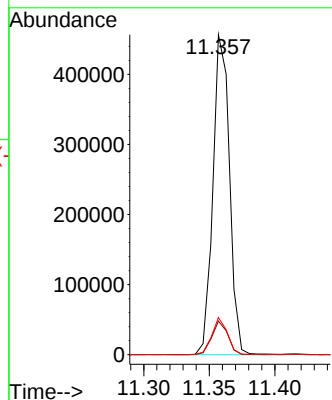
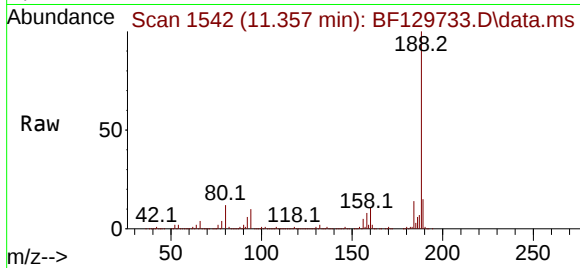




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

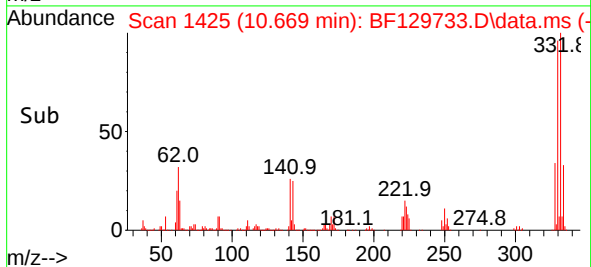
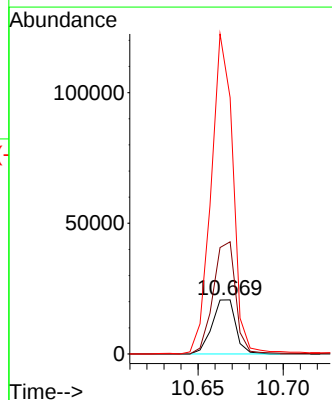
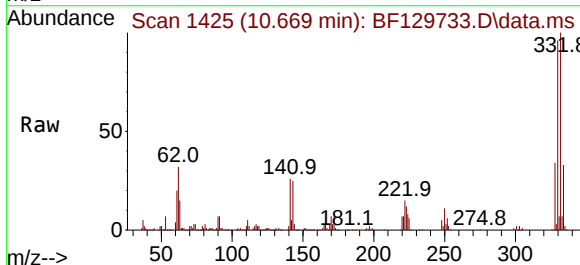
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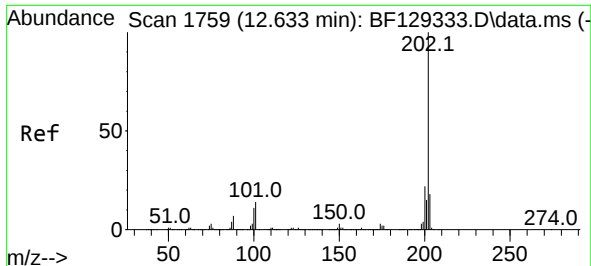
Tgt Ion:188 Resp: 400601
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 11.6 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 4.545 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.241 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

Tgt Ion:248 Resp: 19937
Ion Ratio Lower Upper
248 100
250 207.1 80.6 120.8#
141 473.2 58.9 88.3#

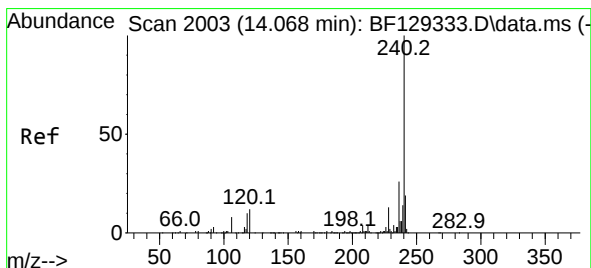
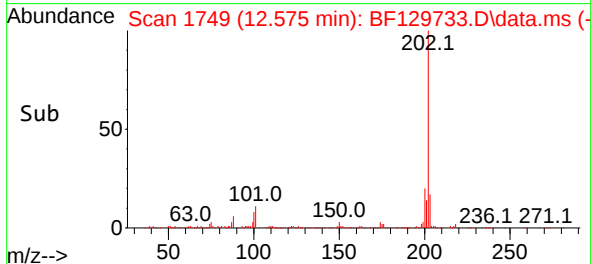
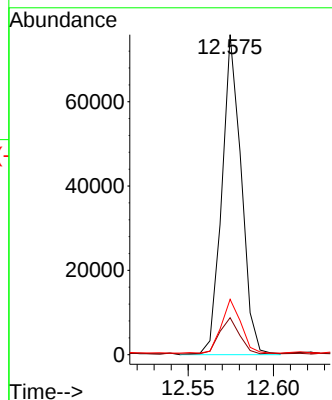
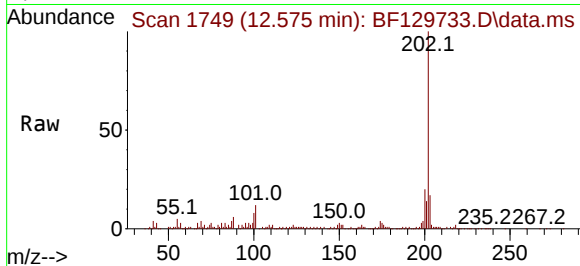




#75
Fluoranthene
Concen: 2.717 ng
RT: 12.575 min Scan# 1749
Delta R.T. -0.012 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

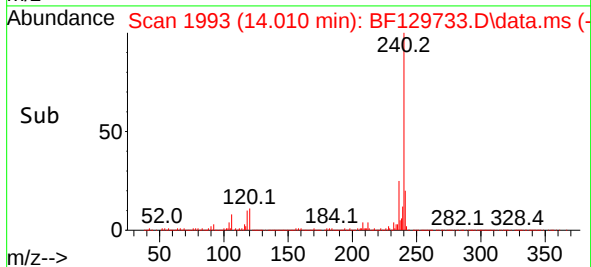
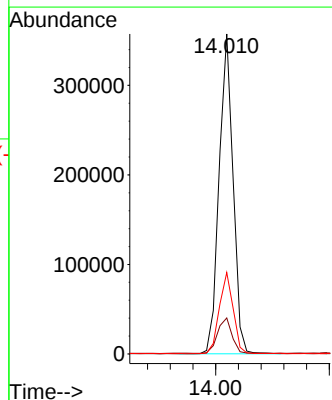
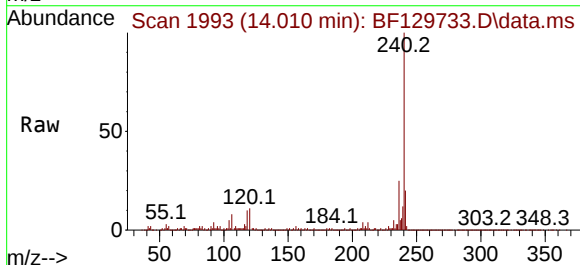
Instrument :
BNA_F
ClientSampleId :
SB04

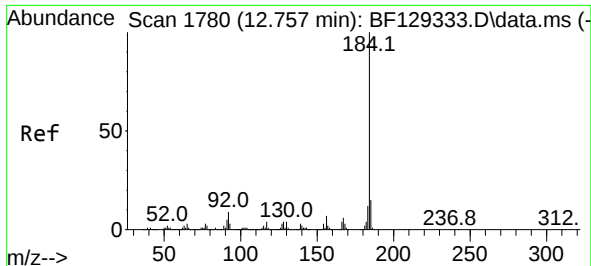
Tgt Ion:202 Resp: 60192
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 17.3 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.012 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

Tgt Ion:240 Resp: 305135
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.4 20.8 31.2

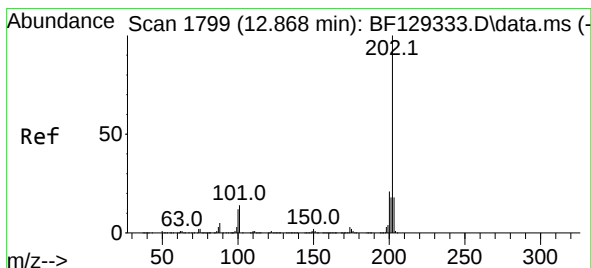
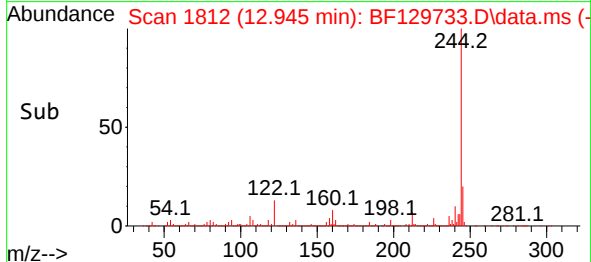
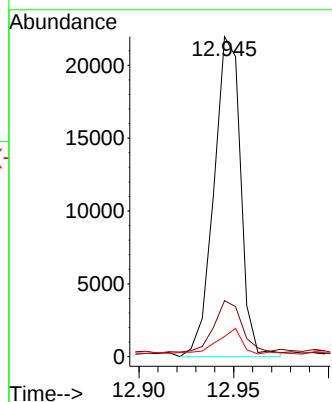
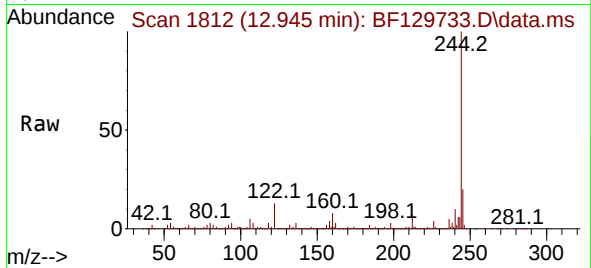




#77
Benzidine
Concen: 2.004 ng
RT: 12.945 min Scan# 1780
Delta R.T. 0.235 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

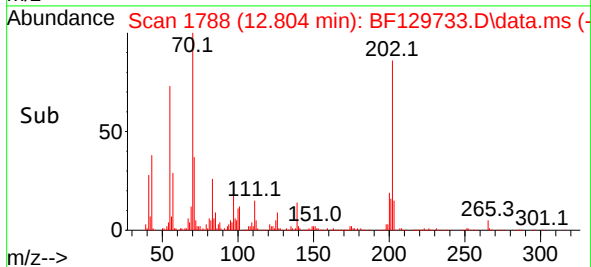
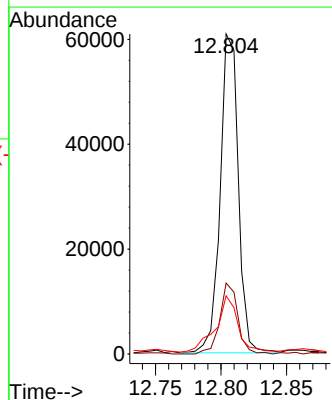
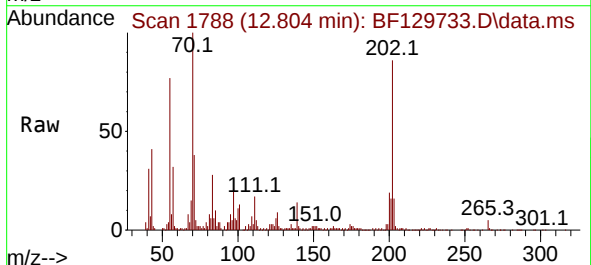
Instrument :
BNA_F
ClientSampleId :
SB04

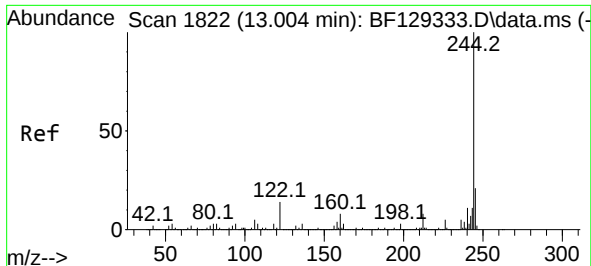
Tgt Ion:184 Resp: 21603
Ion Ratio Lower Upper
184 100
185 17.5 11.9 17.9
183 6.3 9.3 13.9#



#78
Pyrene
Concen: 2.292 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.012 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

Tgt Ion:202 Resp: 58471
Ion Ratio Lower Upper
202 100
200 22.2 17.7 26.5
203 18.2 14.6 21.8

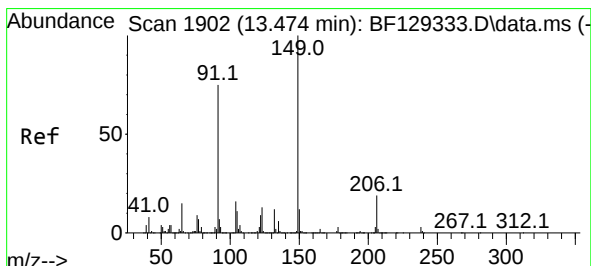
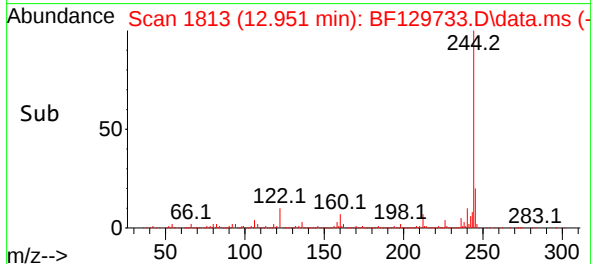
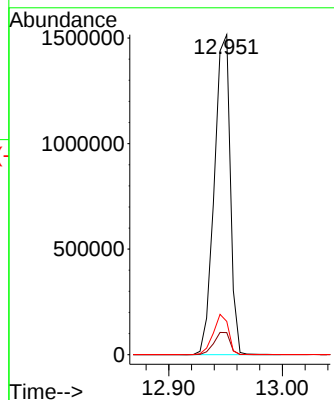
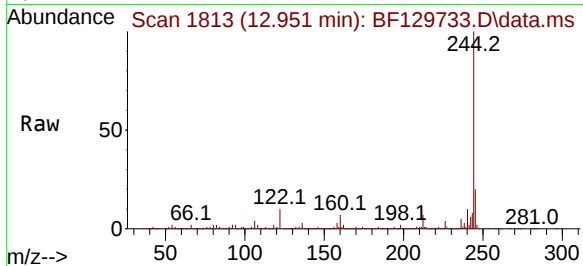




#79
 Terphenyl-d14
 Concen: 91.245 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF129733.D
 Acq: 12 Aug 2022 00:55

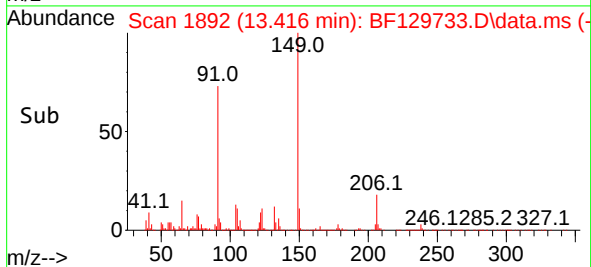
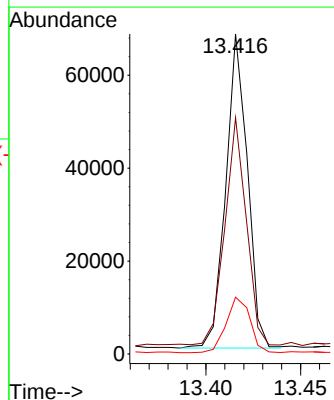
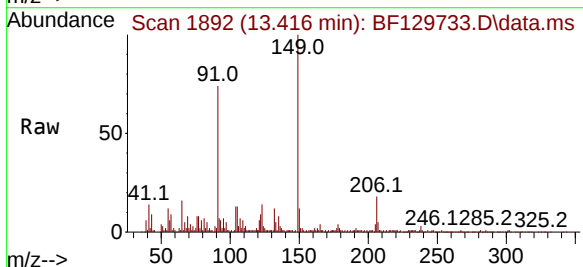
Instrument :
 BNA_F
 ClientSampleId :
 SB04

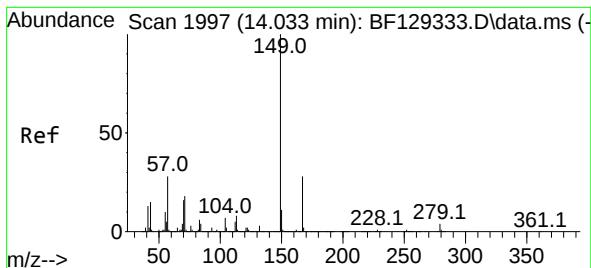
Tgt Ion:244 Resp: 1475798
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 10.4 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 4.861 ng
 RT: 13.416 min Scan# 1892
 Delta R.T. -0.006 min
 Lab File: BF129733.D
 Acq: 12 Aug 2022 00:55

Tgt Ion:149 Resp: 53798
 Ion Ratio Lower Upper
 149 100
 91 73.9 61.2 91.8
 206 17.7 15.7 23.5

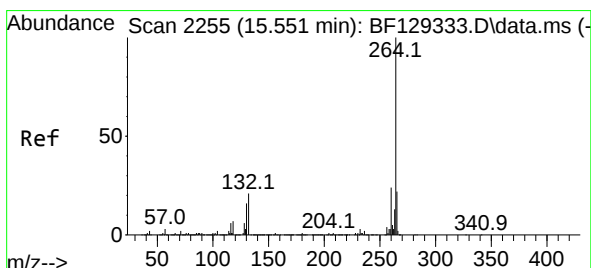
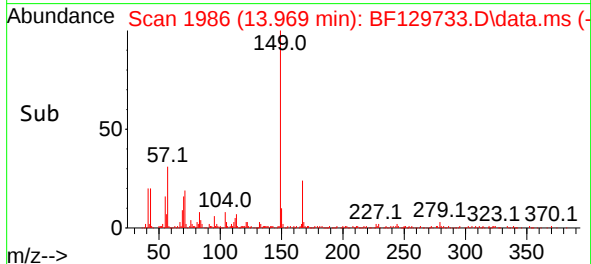
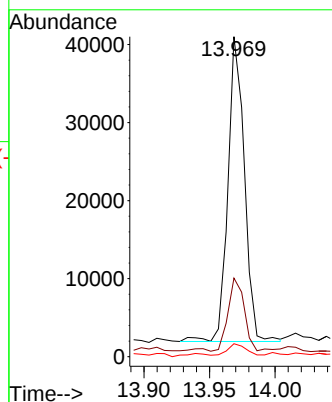
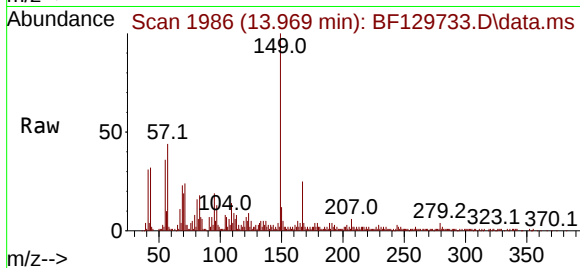




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.341 ng
RT: 13.969 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

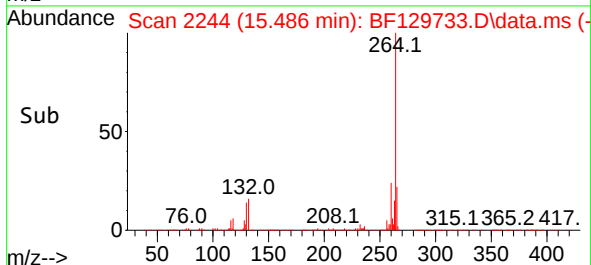
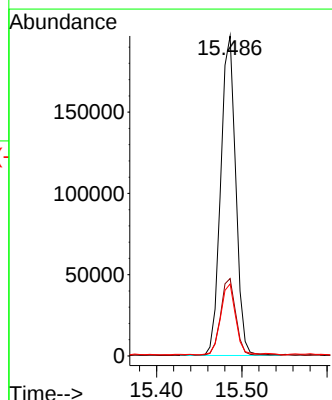
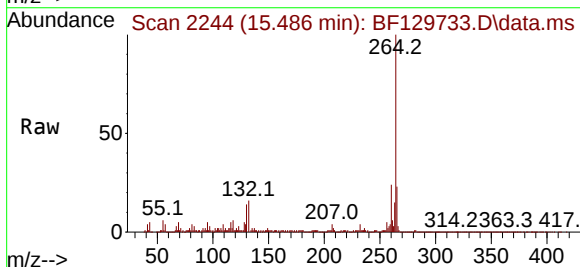
Instrument :
BNA_F
ClientSampleId :
SB04

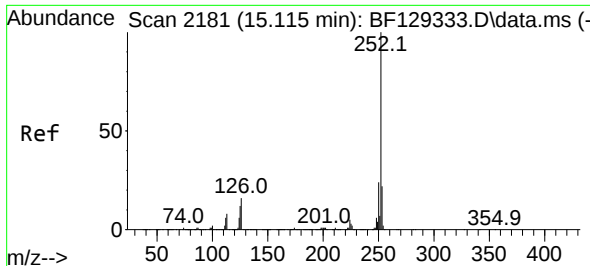
Tgt Ion:149 Resp: 34111
Ion Ratio Lower Upper
149 100
167 24.5 21.0 31.4
279 4.0 3.1 4.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2244
Delta R.T. -0.006 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

Tgt Ion:264 Resp: 240660
Ion Ratio Lower Upper
264 100
260 24.2 18.4 27.6
265 22.5 17.2 25.8

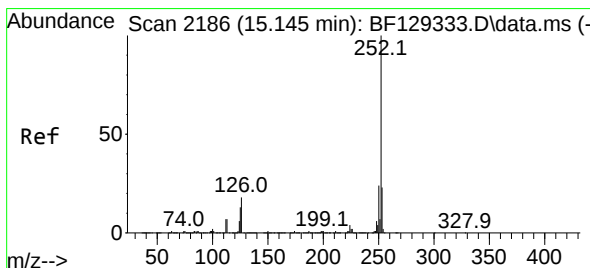
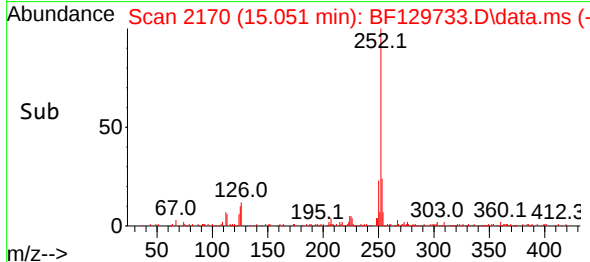
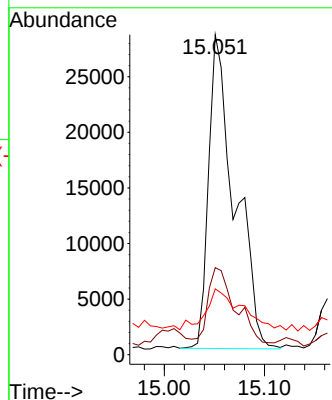
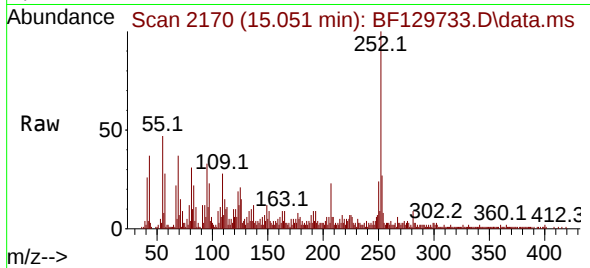




#88
Benzo(b)fluoranthene
Concen: 3.208 ng
RT: 15.051 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

Instrument :
BNA_F
ClientSampleId :
SB04

Tgt Ion:252 Resp: 51211
Ion Ratio Lower Upper
252 100
253 27.2 17.7 26.5#
125 20.5 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 3.274 ng
RT: 15.051 min Scan# 2170
Delta R.T. -0.041 min
Lab File: BF129733.D
Acq: 12 Aug 2022 00:55

Tgt Ion:252 Resp: 51211
Ion Ratio Lower Upper
252 100
253 27.2 17.8 26.6#
125 20.5 8.3 12.5#

