

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129730.D
 Acq On : 11 Aug 2022 23:18
 Operator : CG\JU
 Sample : N4130-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB01

Quant Time: Aug 12 00:05:20 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)

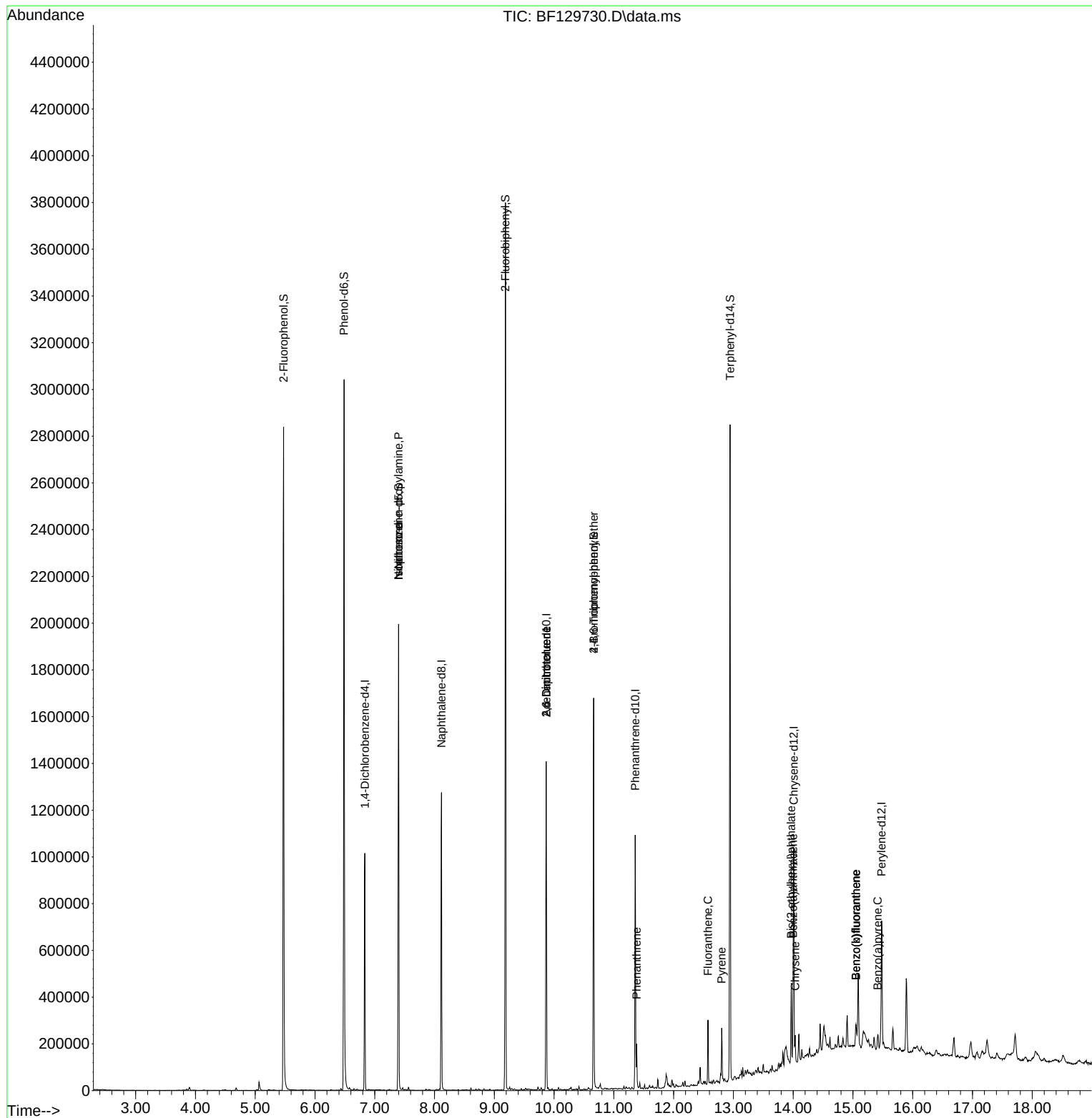
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	145198	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	554837	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	254107	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	358423	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	293841	20.000	ng	-0.01
86) Perylene-d12	15.480	264	235177	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	791845	88.838	ng	0.00
7) Phenol-d6	6.487	99	976704	87.178	ng	0.00
23) Nitrobenzene-d5	7.398	82	606047	59.627	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	179901	73.638	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	1067019	64.958	ng	-0.01
79) Terphenyl-d14	12.945	244	879129	56.444	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	79255	11.685	ng	# 74
25) Isophorone	7.398	82	606043	33.264	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	33390	8.504	ng	# 25
57) 2,4-Dinitrotoluene	9.869	165	33390	6.510	ng	# 21
67) 4-Bromophenyl-phenylether	10.663	248	11207	2.855	ng	# 1
71) Phenanthrene	11.380	178	62808	3.210	ng	95
75) Fluoranthene	12.574	202	96991	4.893	ng	99
78) Pyrene	12.804	202	82041	3.339	ng	96
81) Benzo(a)anthracene	13.998	228	42138	2.099	ng	99
83) Chrysene	14.033	228	38766	2.049	ng	96
84) Bis(2-ethylhexyl)phtha...	13.969	149	88402	6.300	ng	99
88) Benzo(b)fluoranthene	15.051	252	65261	4.183	ng	# 96
89) Benzo(k)fluoranthene	15.051	252	65261	4.269	ng	# 96
90) Benzo(a)pyrene	15.415	252	29832	2.356	ng	# 94

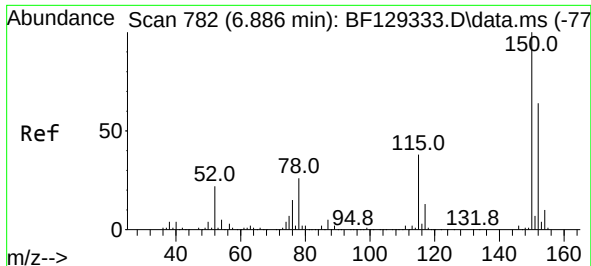
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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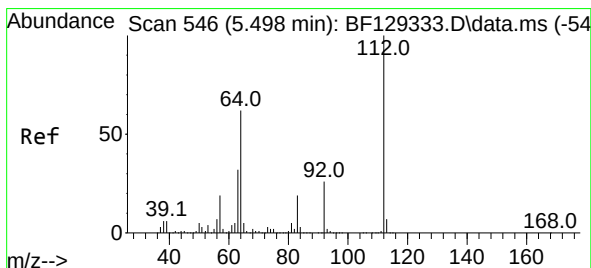
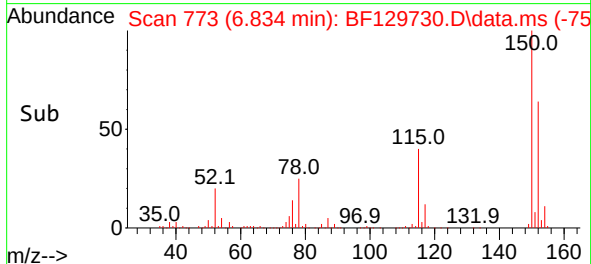
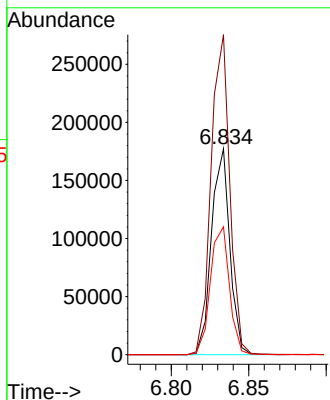
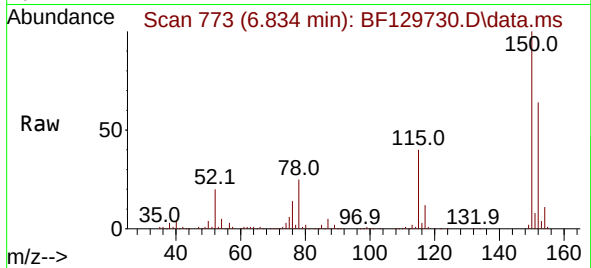




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

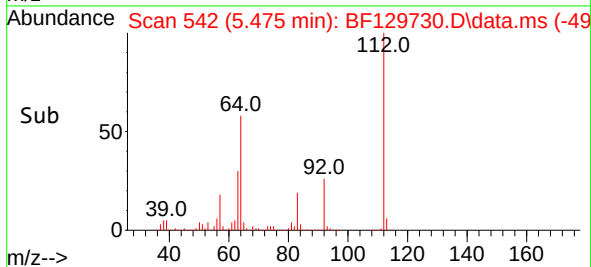
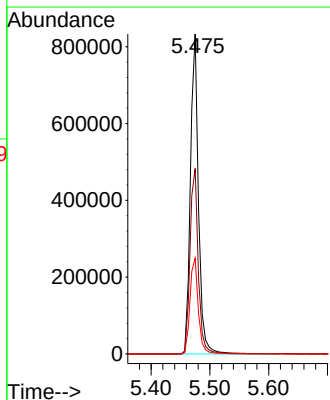
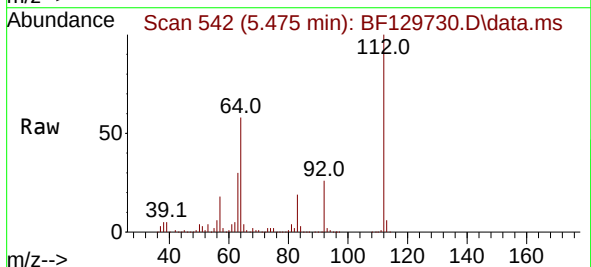
Instrument :
BNA_F
ClientSampleId :
SB01

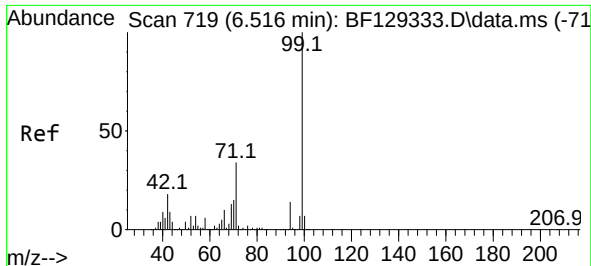
Tgt Ion:152 Resp: 145198
Ion Ratio Lower Upper
152 100
150 155.4 123.7 185.5
115 62.1 49.9 74.9



#5
2-Fluorophenol
Concen: 88.838 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

Tgt Ion:112 Resp: 791845
Ion Ratio Lower Upper
112 100
64 58.0 53.3 79.9
63 30.0 28.0 42.0

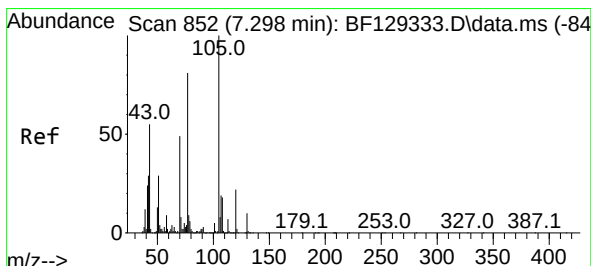
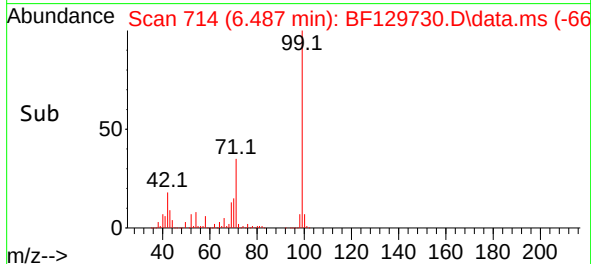
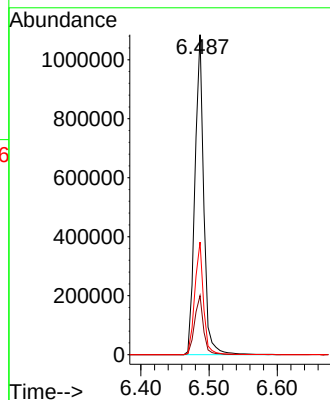
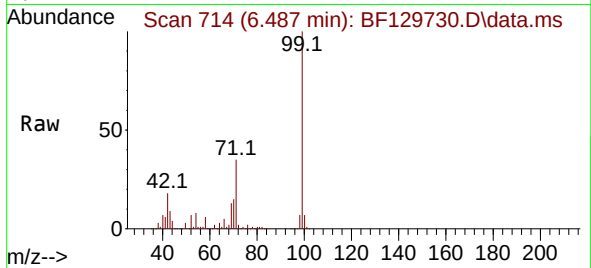




#7
Phenol-d6
Concen: 87.178 ng
RT: 6.487 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

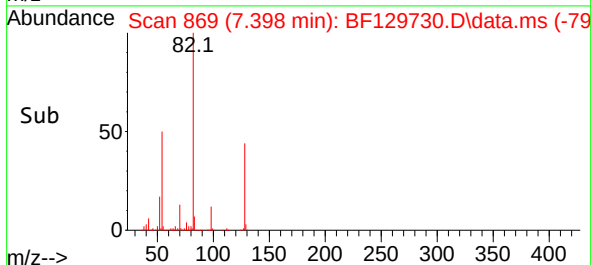
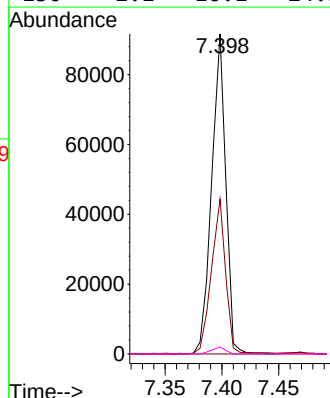
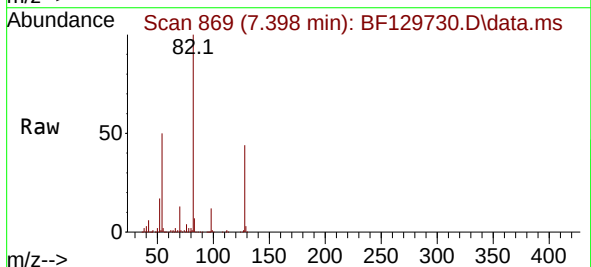
Instrument :
BNA_F
ClientSampleId :
SB01

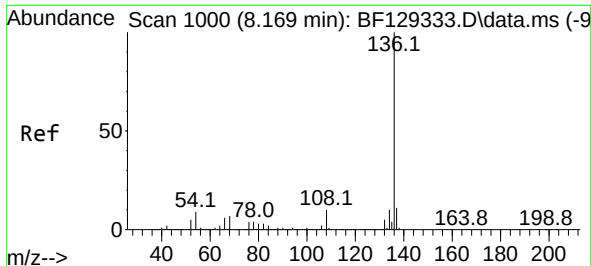
Tgt Ion: 99 Resp: 976704
Ion Ratio Lower Upper
99 100
42 18.5 17.3 25.9
71 35.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.685 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.141 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

Tgt Ion: 70 Resp: 79255
Ion Ratio Lower Upper
70 100
42 48.4 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

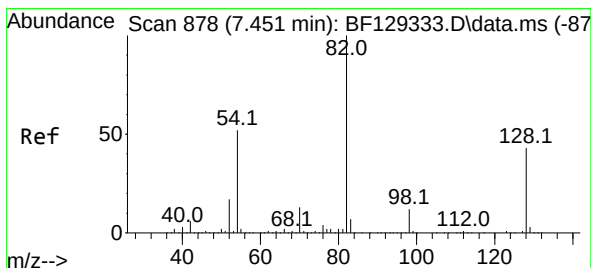
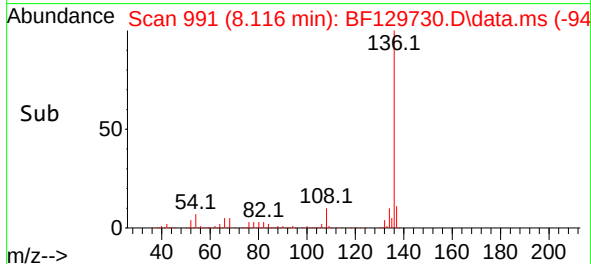
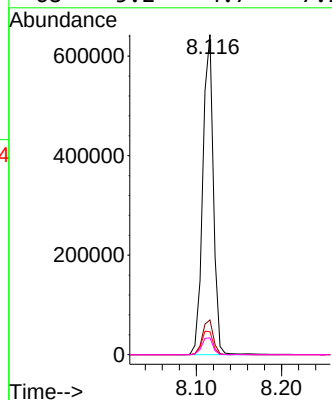
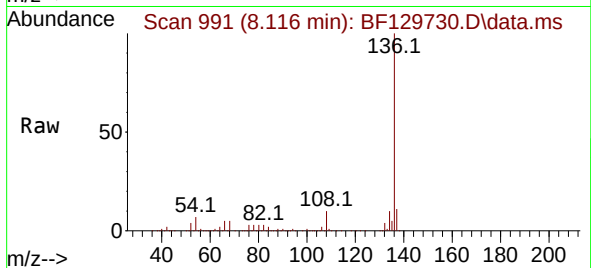




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

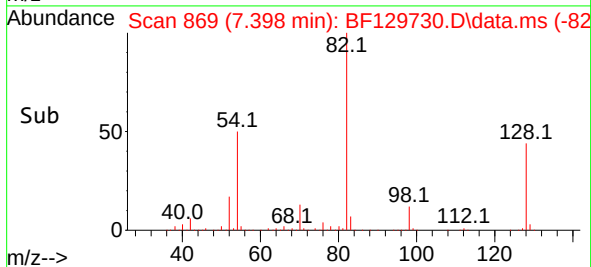
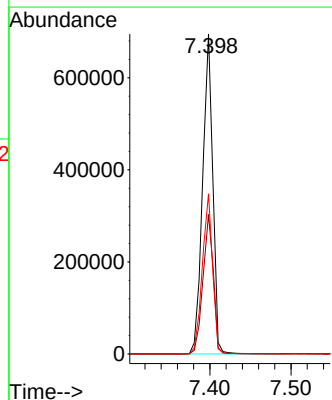
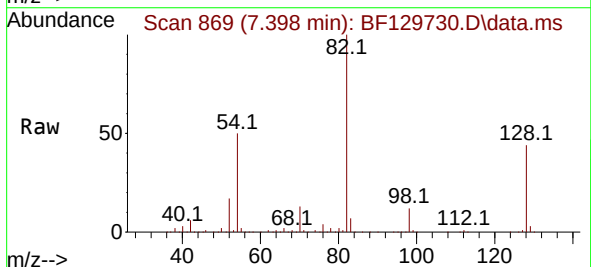
Instrument :
BNA_F
ClientSampleId :
SB01

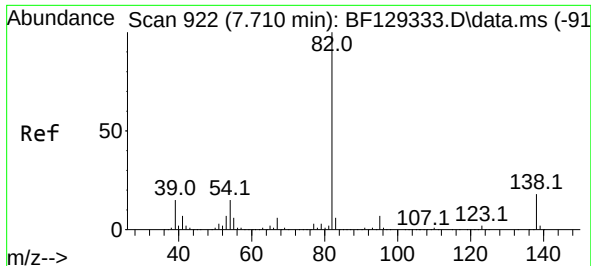
Tgt Ion:136 Resp: 554837
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.2 7.5 11.3#
68 5.2 4.7 7.1



#23
Nitrobenzene-d5
Concen: 59.627 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

Tgt Ion: 82 Resp: 606047
Ion Ratio Lower Upper
82 100
128 43.5 34.0 51.0
54 50.0 46.9 70.3

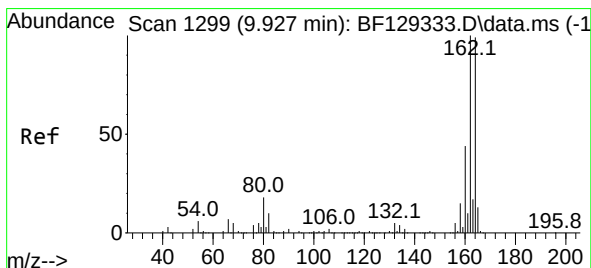
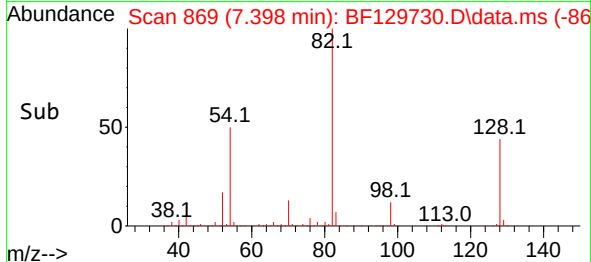
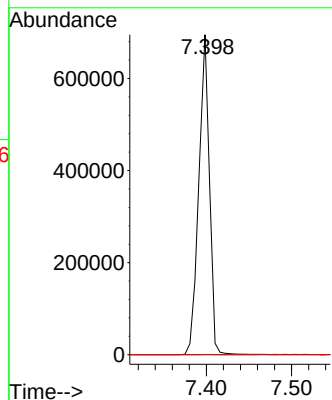
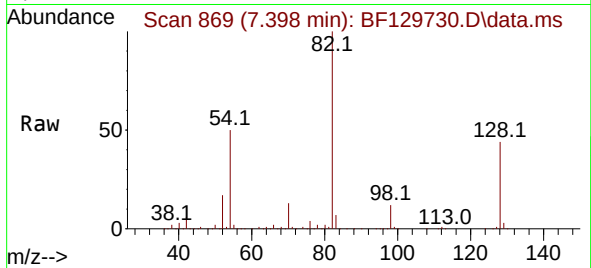




#25
Isophorone
Concen: 33.264 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

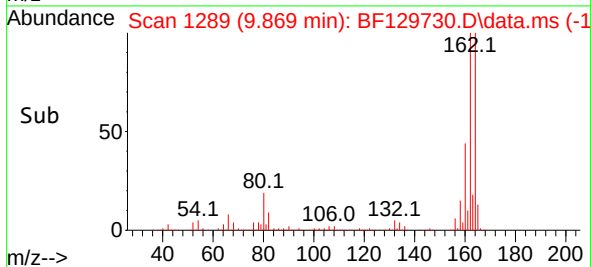
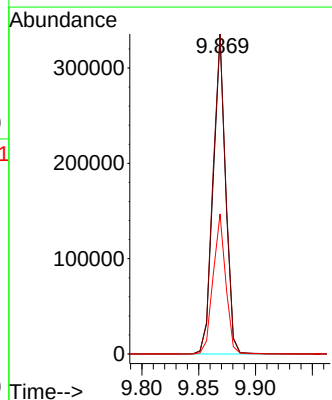
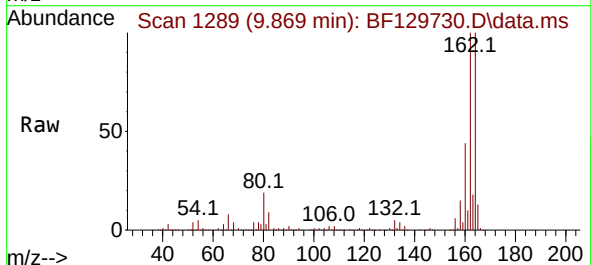
Instrument :
BNA_F
Client SampleId :
SB01

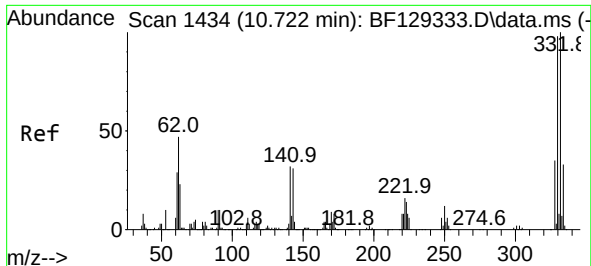
Tgt Ion: 82 Resp: 606043
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

Tgt Ion: 164 Resp: 254107
Ion Ratio Lower Upper
164 100
162 100.5 79.5 119.3
160 44.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 73.638 ng

RT: 10.663 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129730.D

Acq: 11 Aug 2022 23:18

Instrument :

BNA_F

ClientSampleId :

SB01

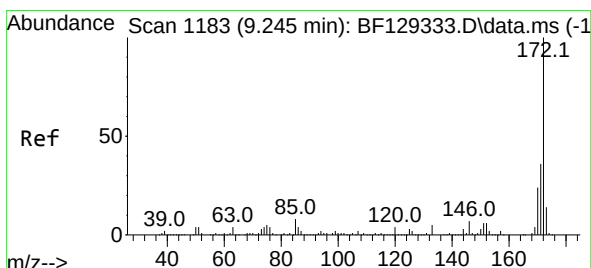
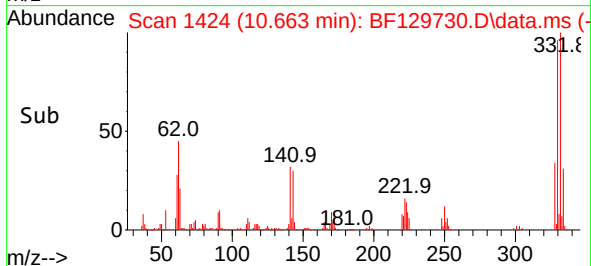
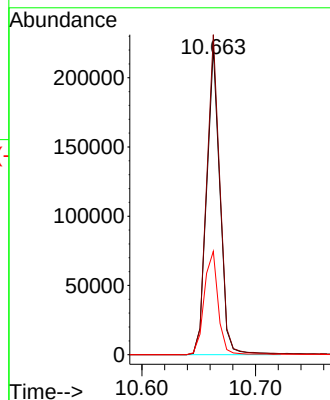
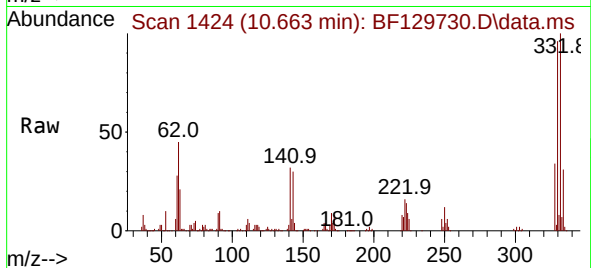
Tgt Ion:330 Resp: 179901

Ion Ratio Lower Upper

330 100

332 104.7 76.8 115.2

141 35.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 64.958 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.012 min

Lab File: BF129730.D

Acq: 11 Aug 2022 23:18

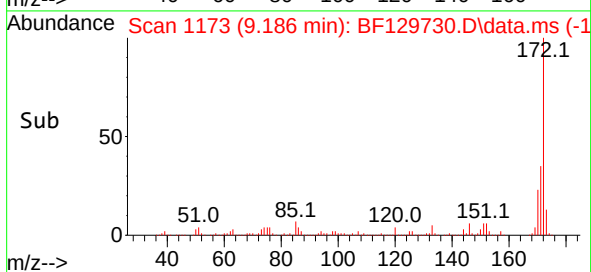
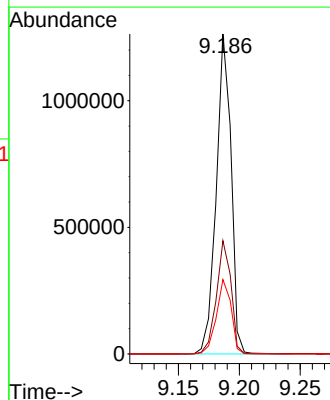
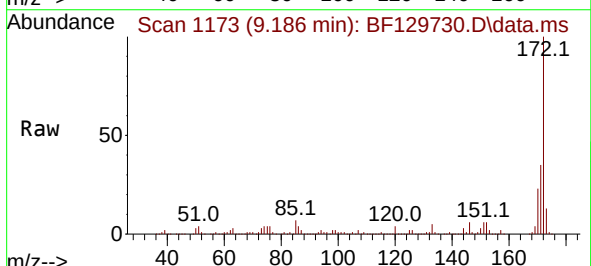
Tgt Ion:172 Resp: 1067019

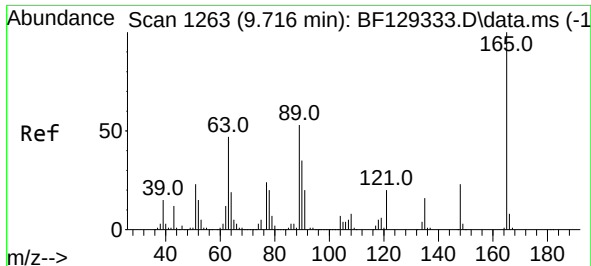
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.3 19.8 29.8

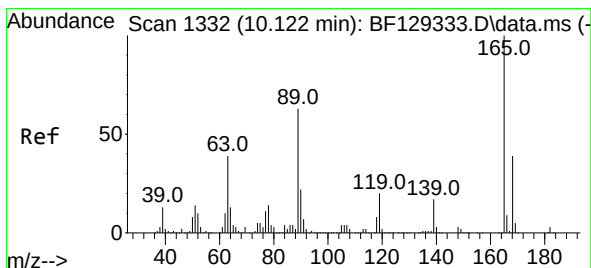
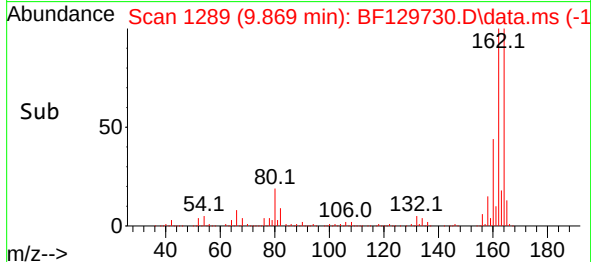
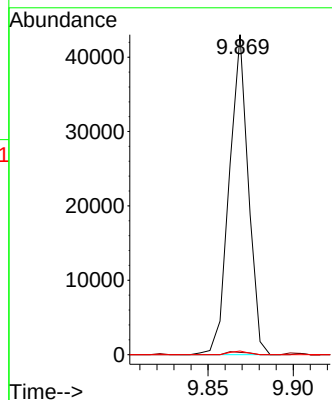
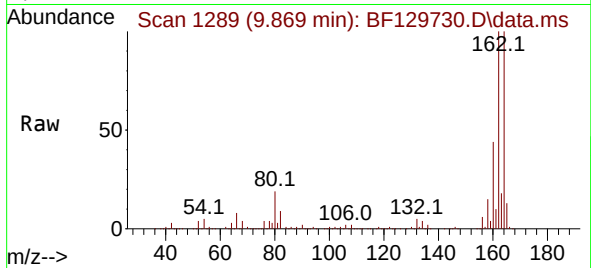




#51
2,6-Dinitrotoluene
Concen: 8.504 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

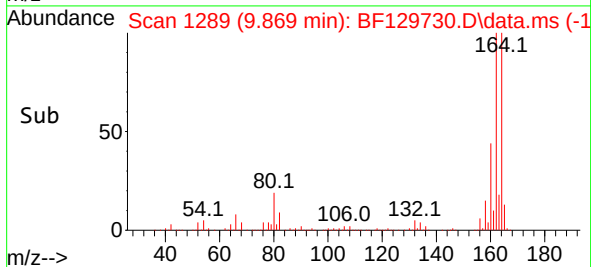
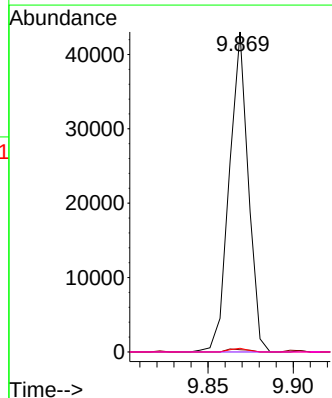
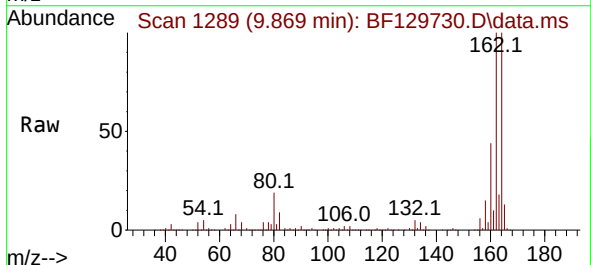
Instrument :
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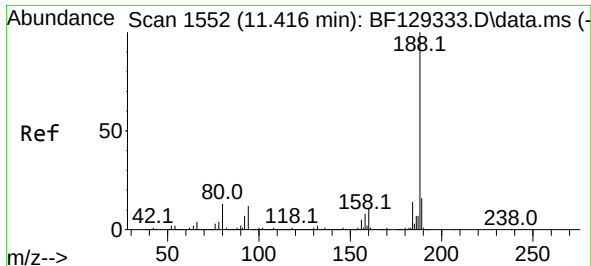
Tgt Ion:165 Resp: 33390
Ion Ratio Lower Upper
165 100
63 0.7 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.510 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.212 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

Tgt Ion:165 Resp: 33390
Ion Ratio Lower Upper
165 100
63 0.7 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#

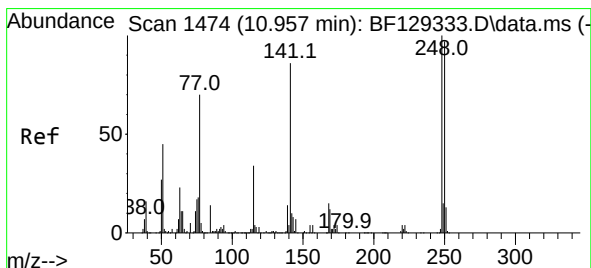
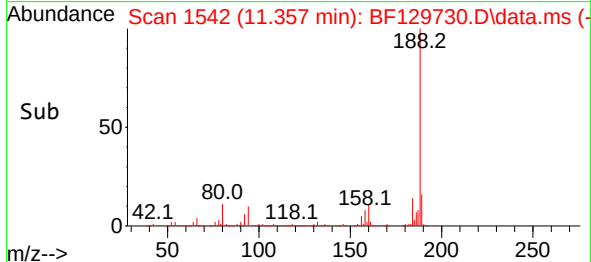
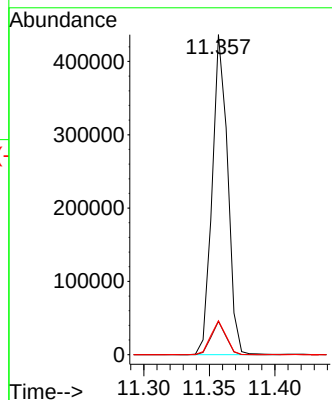
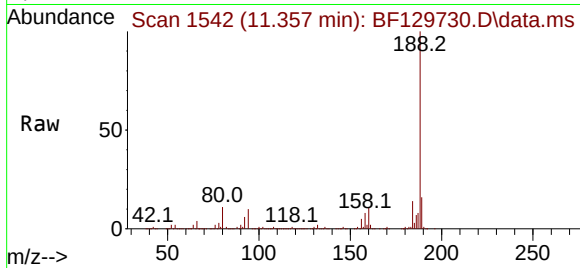




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

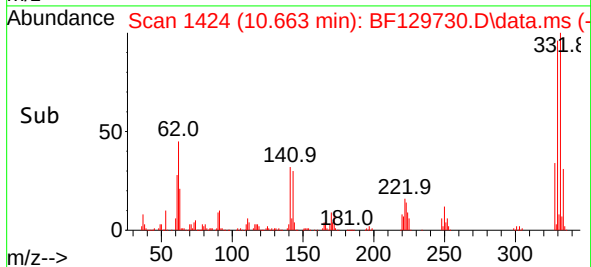
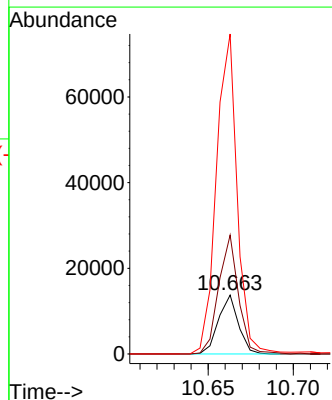
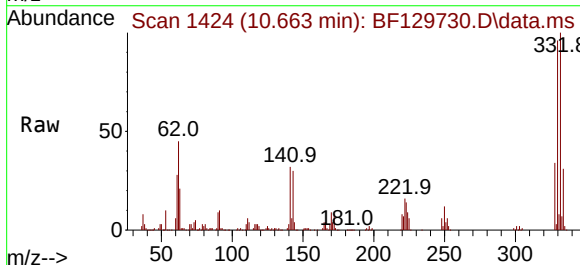
Instrument :
BNA_F
ClientSampleId :
SB01

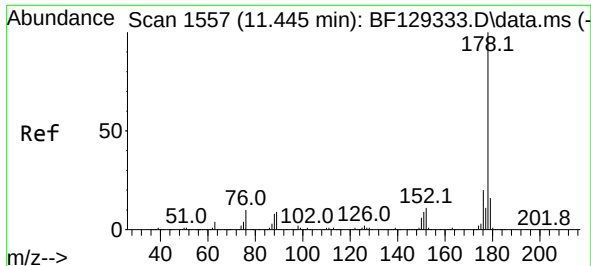
Tgt Ion:188 Resp: 358423
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.6
80 10.6 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 2.855 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.247 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

Tgt Ion:248 Resp: 11207
Ion Ratio Lower Upper
248 100
250 202.1 80.6 120.8#
141 544.2 58.9 88.3#

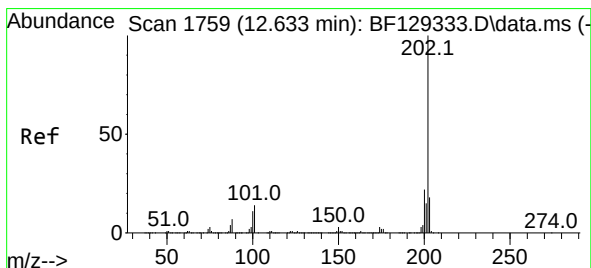
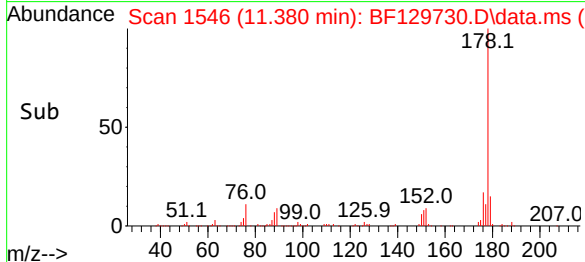
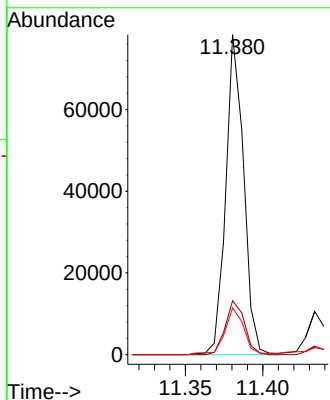
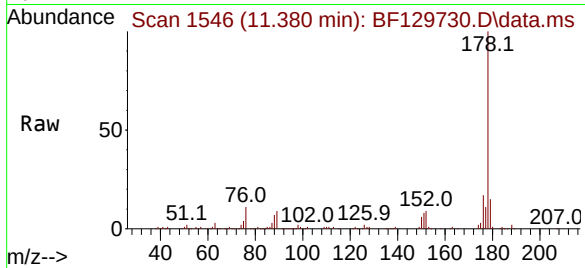




#71
Phenanthrene
Concen: 3.210 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

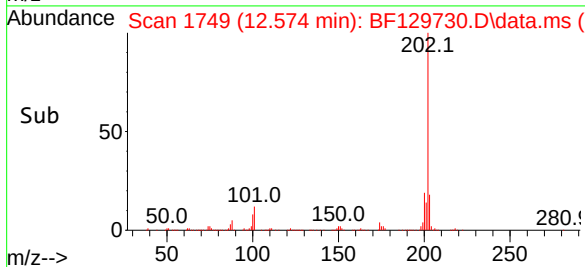
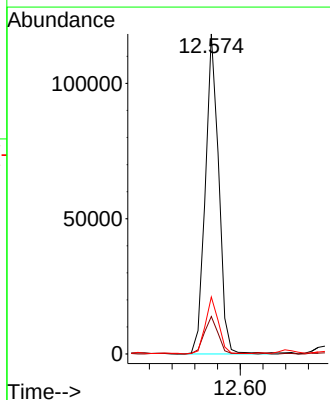
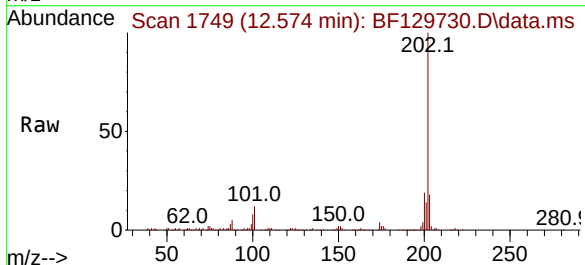
Instrument :
BNA_F
ClientSampleId :
SB01

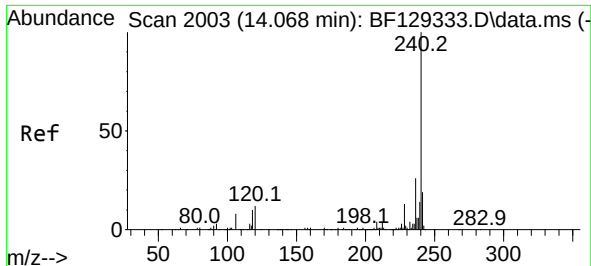
Tgt Ion:178 Resp: 62808
Ion Ratio Lower Upper
178 100
176 16.8 16.0 24.0
179 14.6 12.6 19.0



#75
Fluoranthene
Concen: 4.893 ng
RT: 12.574 min Scan# 1749
Delta R.T. -0.012 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

Tgt Ion:202 Resp: 96991
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.4
203 17.8 0.0 38.0

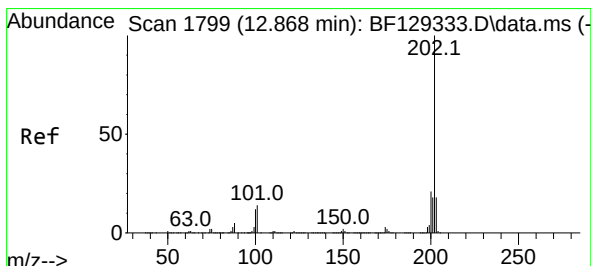
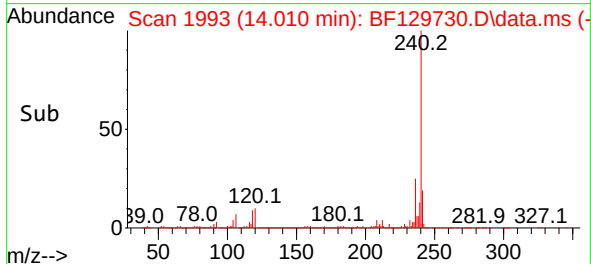
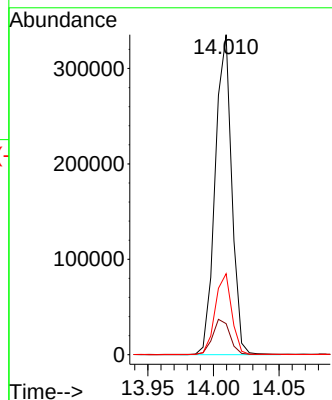
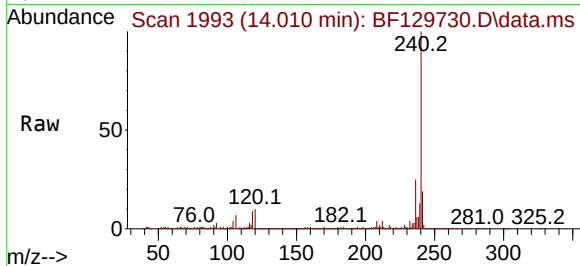




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.012 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

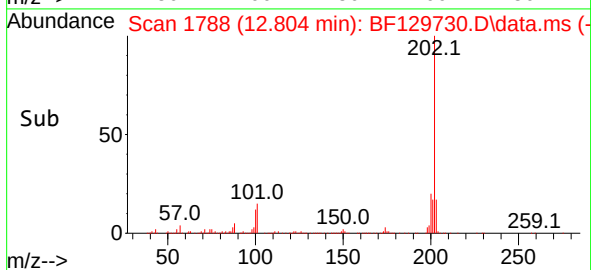
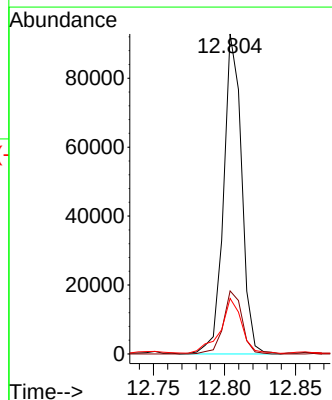
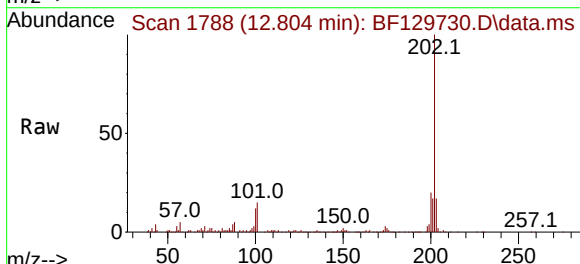
Instrument :
BNA_F
ClientSampleId :
SB01

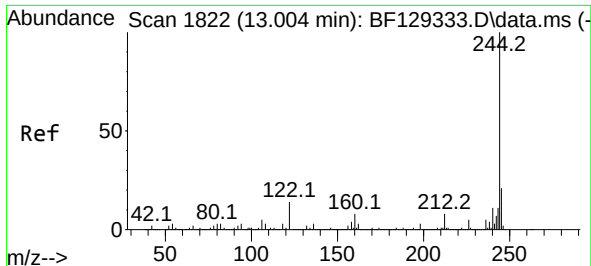
Tgt Ion:240 Resp: 293841
Ion Ratio Lower Upper
240 100
120 9.7 8.9 13.3
236 25.3 20.8 31.2



#78
Pyrene
Concen: 3.339 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.012 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

Tgt Ion:202 Resp: 82041
Ion Ratio Lower Upper
202 100
200 19.7 17.7 26.5
203 17.4 14.6 21.8

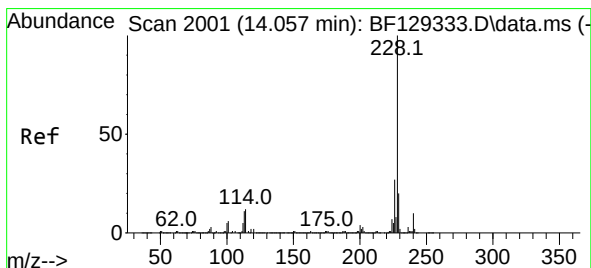
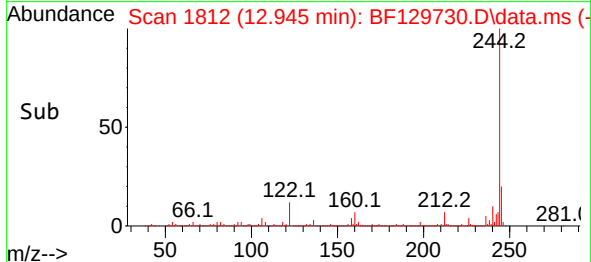
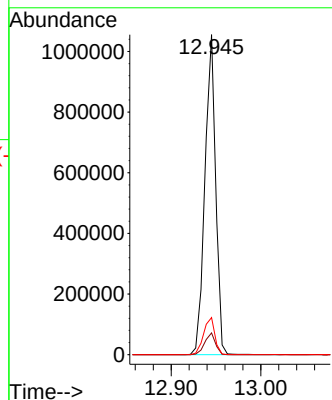
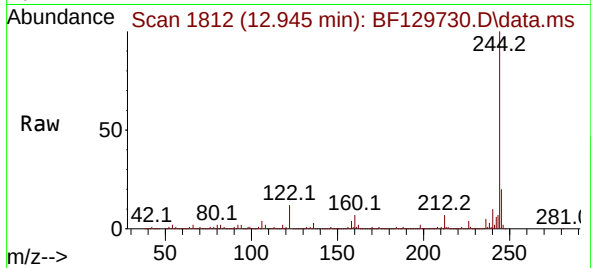




#79
 Terphenyl-d14
 Concen: 56.444 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. -0.012 min
 Lab File: BF129730.D
 Acq: 11 Aug 2022 23:18

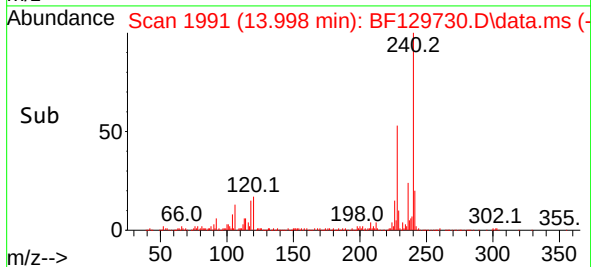
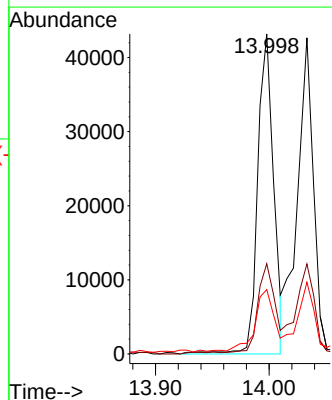
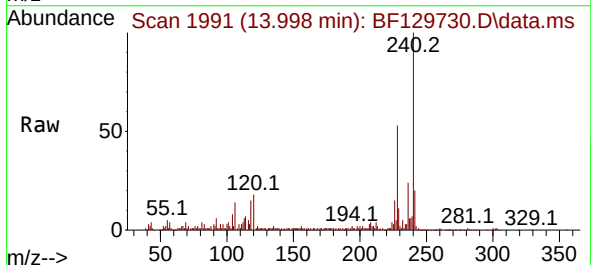
Instrument :
 BNA_F
 ClientSampleId :
 SB01

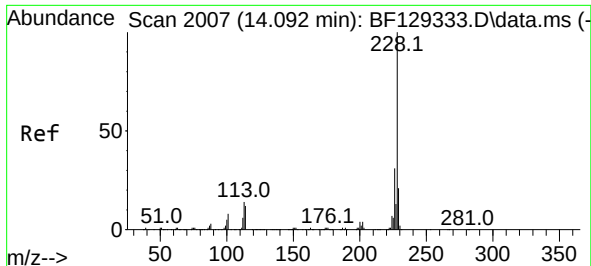
Tgt Ion:244 Resp: 879129
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 11.6 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 2.099 ng
 RT: 13.998 min Scan# 1991
 Delta R.T. -0.012 min
 Lab File: BF129730.D
 Acq: 11 Aug 2022 23:18

Tgt Ion:228 Resp: 42138
 Ion Ratio Lower Upper
 228 100
 226 28.2 22.1 33.1
 229 20.1 15.8 23.8

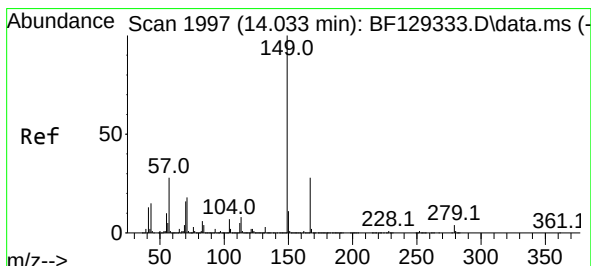
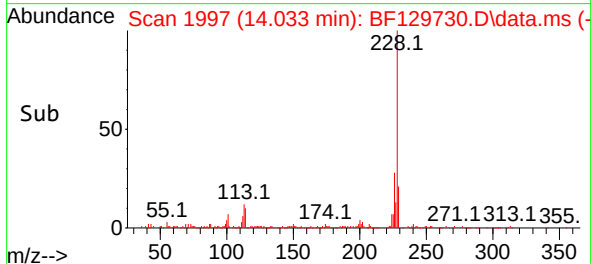
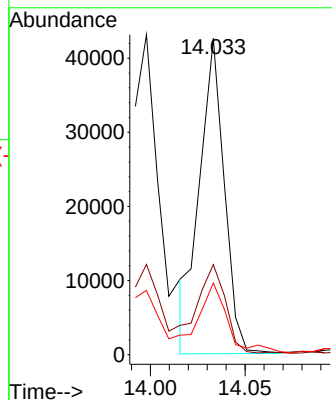
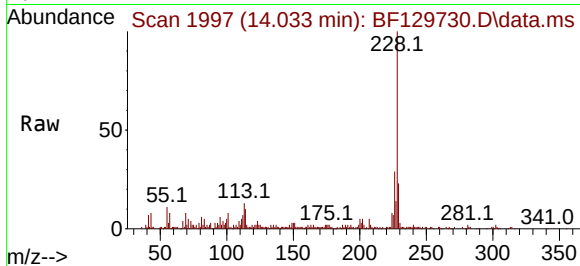




#83
Chrysene
Concen: 2.049 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.012 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

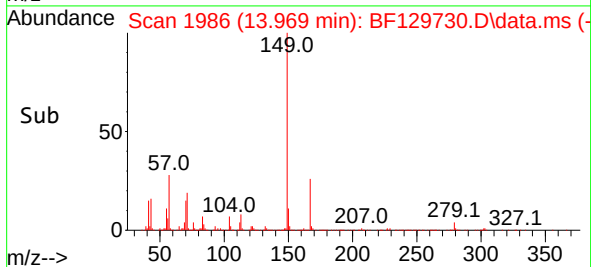
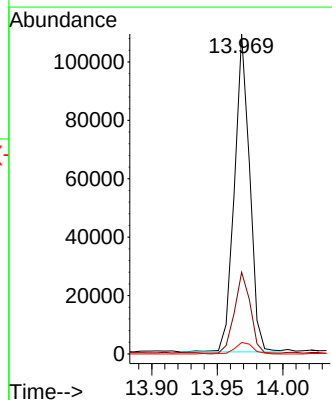
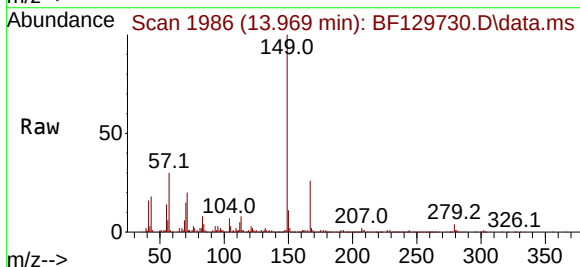
Instrument :
BNA_F
ClientSampleId :
SB01

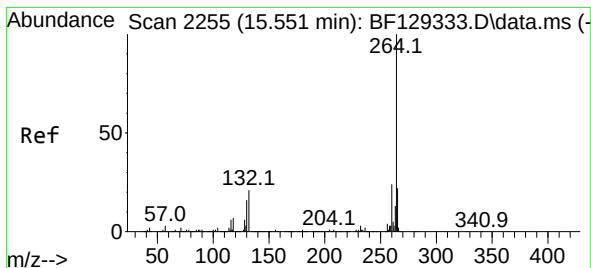
Tgt Ion:228 Resp: 38766
Ion Ratio Lower Upper
228 100
226 28.5 24.3 36.5
229 22.7 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.300 ng
RT: 13.969 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

Tgt Ion:149 Resp: 88402
Ion Ratio Lower Upper
149 100
167 25.6 21.0 31.4
279 3.6 3.1 4.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF129730.D

Acq: 11 Aug 2022 23:18

Instrument :

BNA_F

ClientSampleId :

SB01

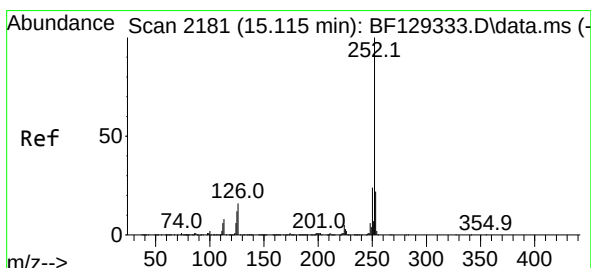
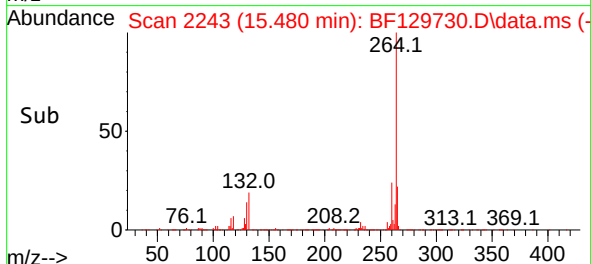
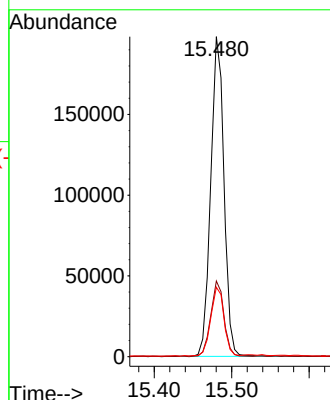
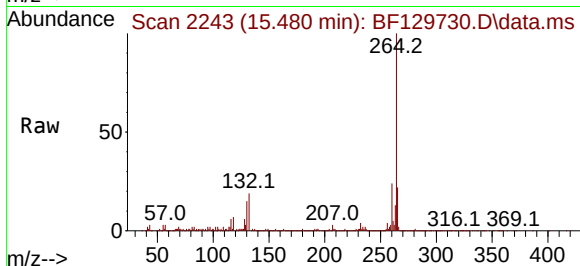
Tgt Ion:264 Resp: 235177

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 21.7 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 4.183 ng

RT: 15.051 min Scan# 2170

Delta R.T. -0.012 min

Lab File: BF129730.D

Acq: 11 Aug 2022 23:18

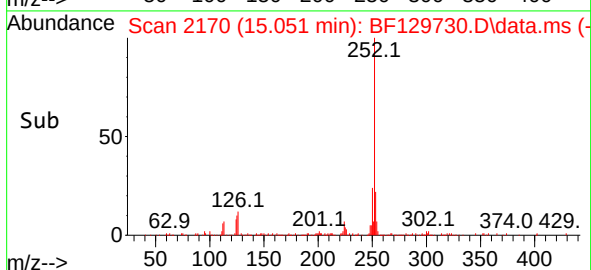
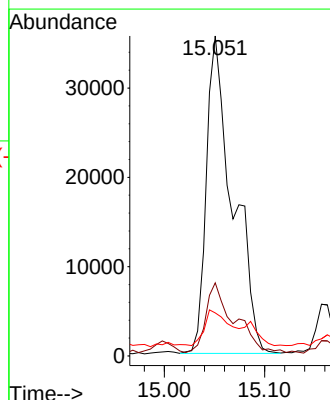
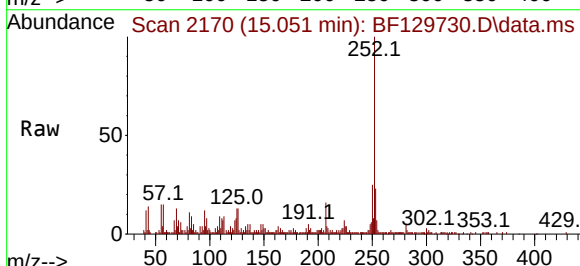
Tgt Ion:252 Resp: 65261

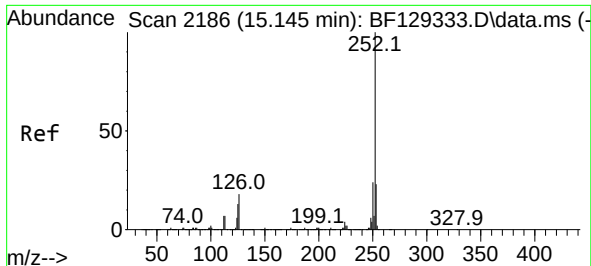
Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 13.5 8.0 12.0#

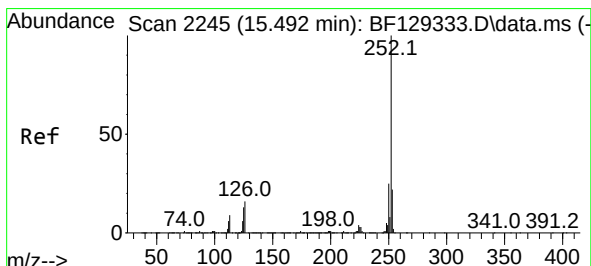
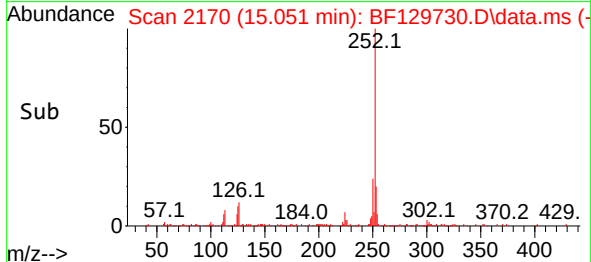
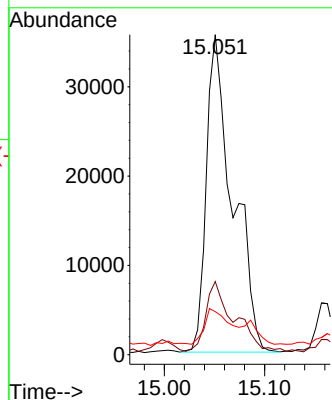
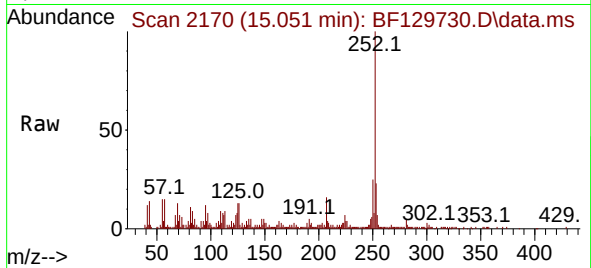




#89
Benzo(k)fluoranthene
Concen: 4.269 ng
RT: 15.051 min Scan# 2186
Delta R.T. -0.041 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

Instrument :
BNA_F
ClientSampleId :
SB01

Tgt Ion:252 Resp: 65261
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 13.5 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 2.356 ng
RT: 15.415 min Scan# 2232
Delta R.T. -0.012 min
Lab File: BF129730.D
Acq: 11 Aug 2022 23:18

Tgt Ion:252 Resp: 29832
Ion Ratio Lower Upper
252 100
253 20.8 17.0 25.6
125 17.2 8.8 13.2#

