

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129732.D
 Acq On : 12 Aug 2022 00:23
 Operator : CG\JU
 Sample : N4130-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB07

Quant Time: Aug 12 01:26:35 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)

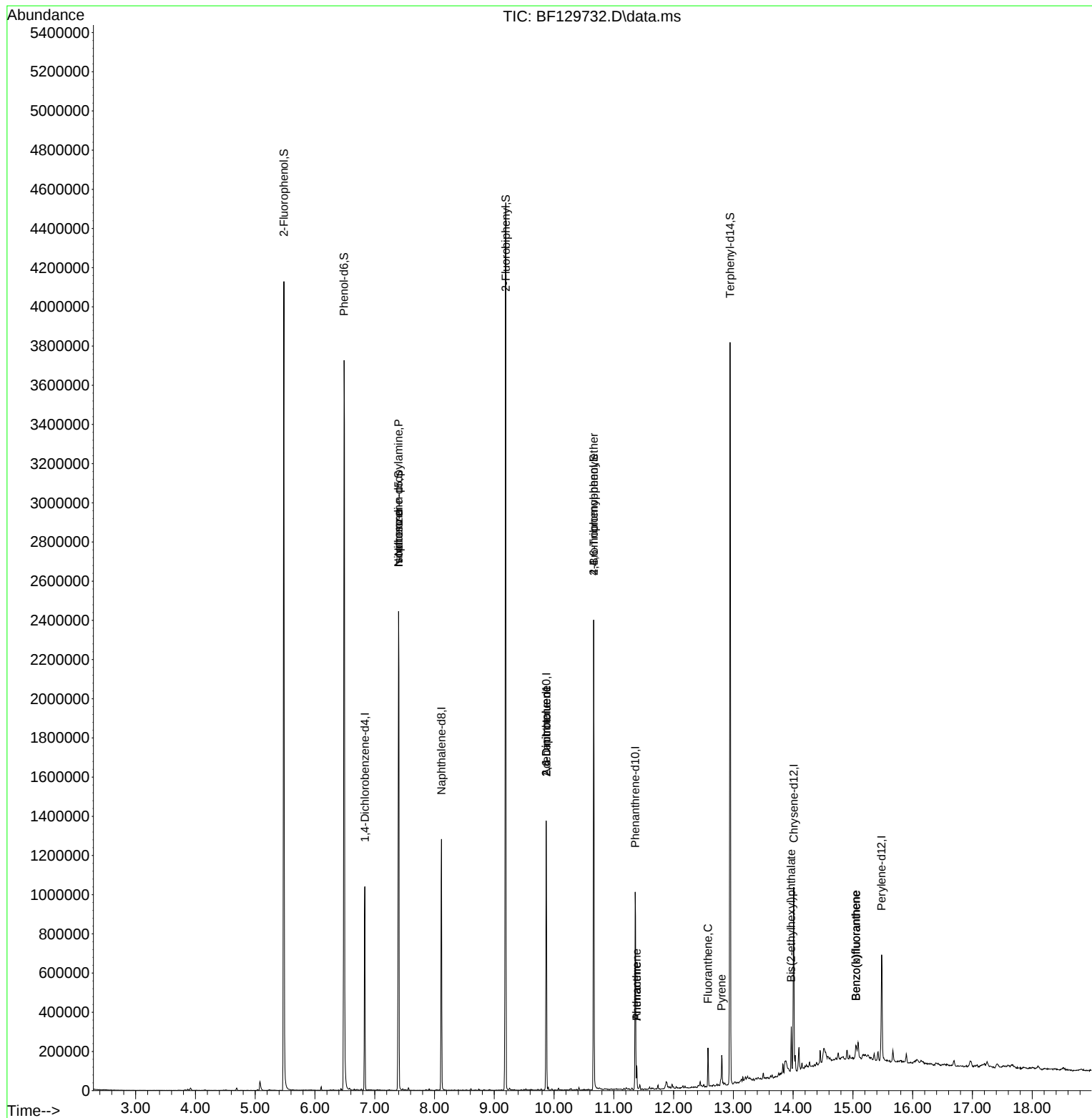
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	146499	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	559340	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	249682	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	354808	20.000	ng	#-0.01
76) Chrysene-d12	14.010	240	288865	20.000	ng	-0.01
86) Perylene-d12	15.480	264	237024	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1114474	123.924	ng	0.01
7) Phenol-d6	6.487	99	1390959	123.051	ng	0.00
23) Nitrobenzene-d5	7.398	82	868773	84.788	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	264304	110.103	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1449908	89.832	ng	0.00
79) Terphenyl-d14	12.945	244	1196793	78.163	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	115321	16.852	ng	# 73
25) Isophorone	7.398	82	868767	47.301	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	32462	8.415	ng	# 25
57) 2,4-Dinitrotoluene	9.869	165	32462	6.441	ng	# 21
67) 4-Bromophenyl-phenylether	10.663	248	16914	4.353	ng	# 1
71) Phenanthrene	11.380	178	42750	2.207	ng	96
72) Anthracene	11.380	178	42750	2.246	ng	97
75) Fluoranthene	12.575	202	68235	3.477	ng	98
78) Pyrene	12.804	202	59262	2.453	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	58331	4.229	ng	99
88) Benzo(b)fluoranthene	15.051	252	44681	2.842	ng	# 94
89) Benzo(k)fluoranthene	15.051	252	44681	2.900	ng	# 95

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

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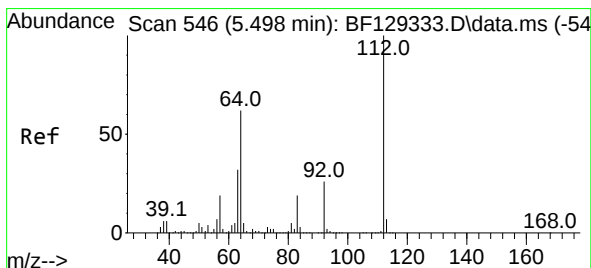
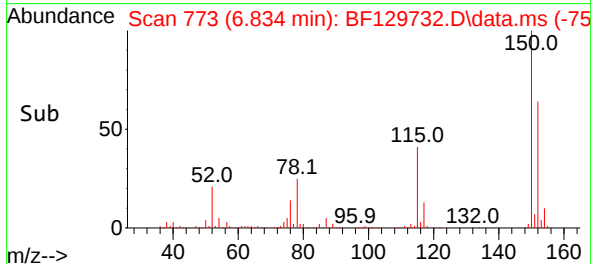
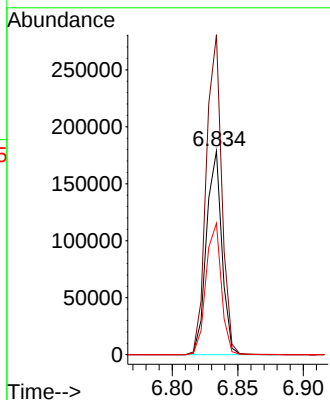
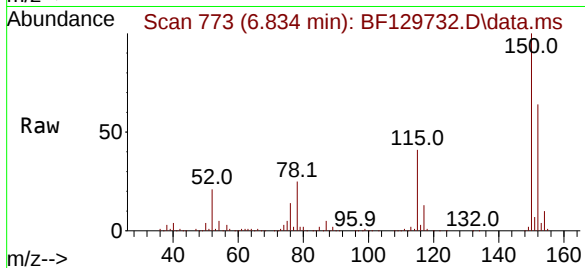




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129732.D
 Acq: 12 Aug 2022 00:23

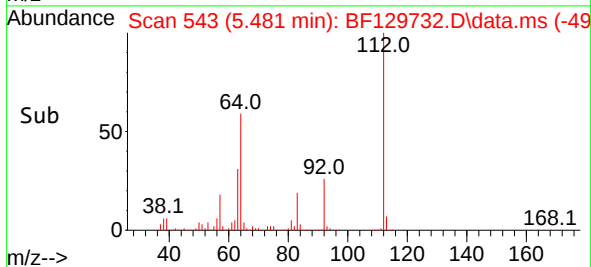
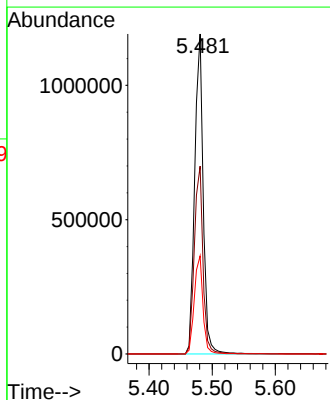
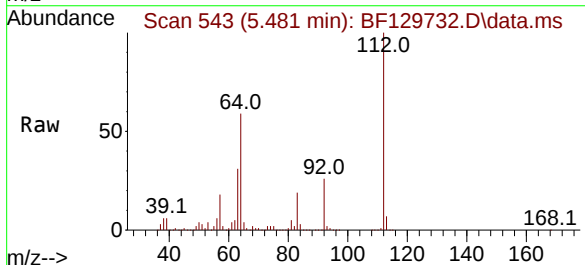
Instrument :
 BNA_F
 ClientSampleId :
 SB07

Tgt Ion:152 Resp: 146499
 Ion Ratio Lower Upper
 152 100
 150 157.3 123.7 185.5
 115 64.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 123.924 ng
 RT: 5.481 min Scan# 543
 Delta R.T. 0.012 min
 Lab File: BF129732.D
 Acq: 12 Aug 2022 00:23

Tgt Ion:112 Resp: 1114474
 Ion Ratio Lower Upper
 112 100
 64 58.7 53.3 79.9
 63 30.6 28.0 42.0

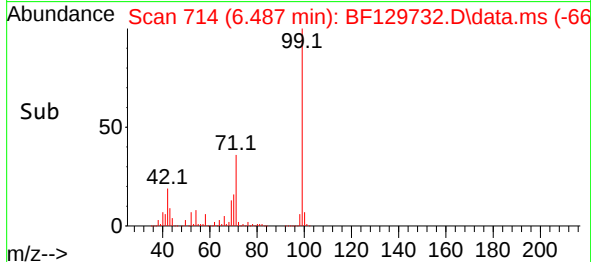
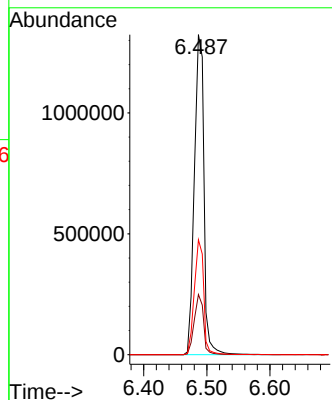
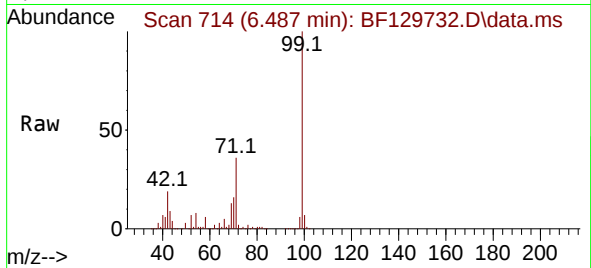




#7
Phenol-d6
Concen: 123.051 ng
RT: 6.487 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129732.D
Acq: 12 Aug 2022 00:23

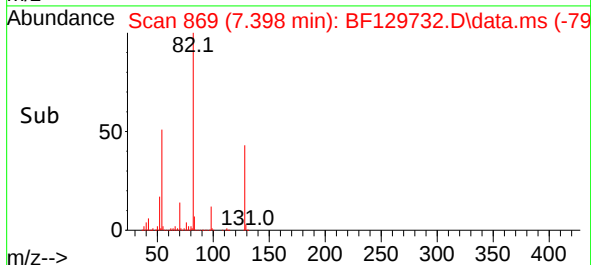
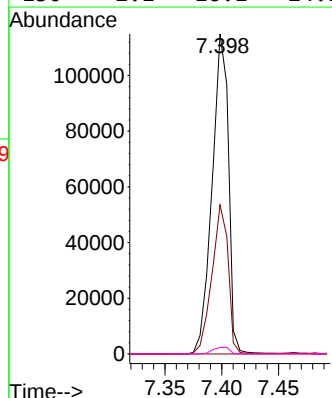
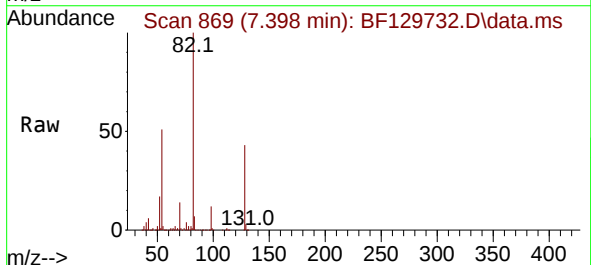
Instrument :
BNA_F
ClientSampleId :
SB07

Tgt Ion: 99 Resp: 1390959
Ion Ratio Lower Upper
99 100
42 18.8 17.3 25.9
71 35.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.852 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.141 min
Lab File: BF129732.D
Acq: 12 Aug 2022 00:23

Tgt Ion: 70 Resp: 115321
Ion Ratio Lower Upper
70 100
42 46.5 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

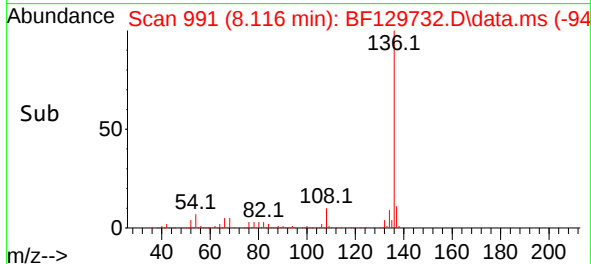
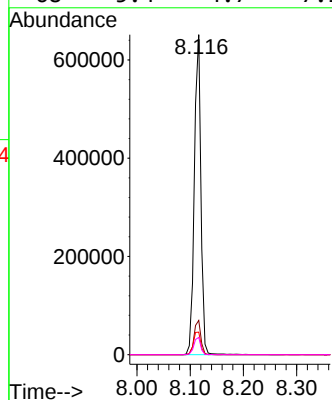
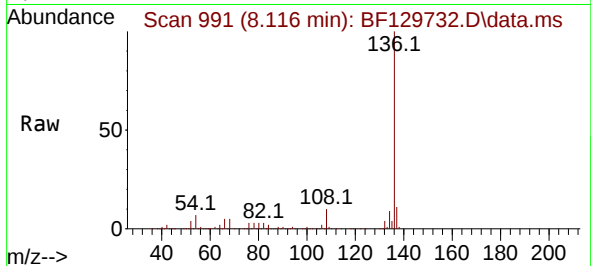




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129732.D
Acq: 12 Aug 2022 00:23

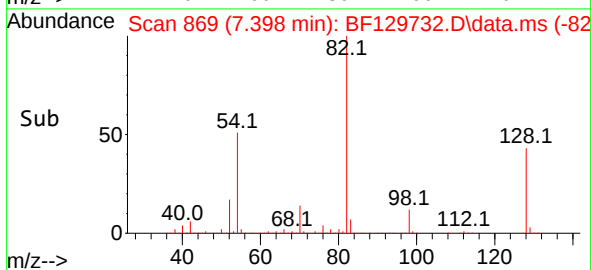
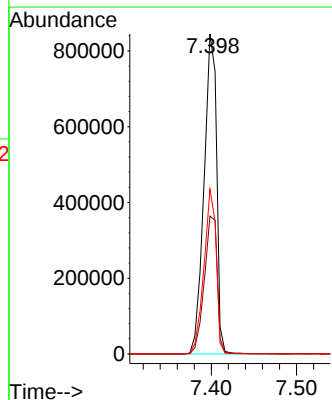
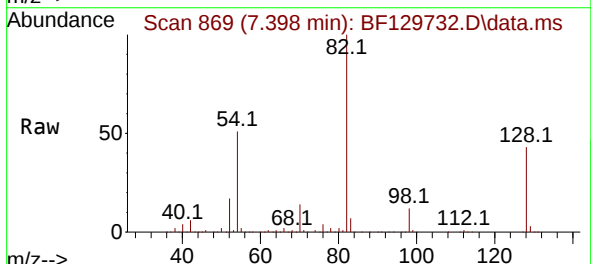
Instrument :
BNA_F
ClientSampleId :
SB07

Tgt Ion:136 Resp: 559340
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.1 7.5 11.3#
68 5.4 4.7 7.1



#23
Nitrobenzene-d5
Concen: 84.788 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF129732.D
Acq: 12 Aug 2022 00:23

Tgt Ion: 82 Resp: 868773
Ion Ratio Lower Upper
82 100
128 43.1 34.0 51.0
54 51.5 46.9 70.3

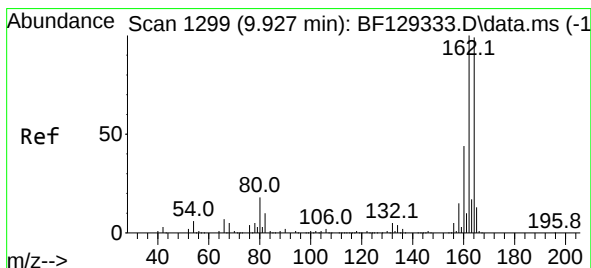
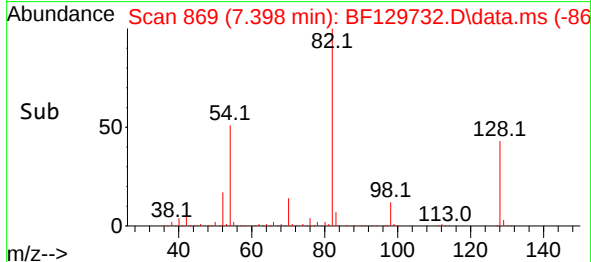
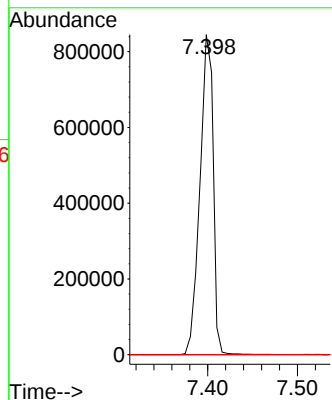
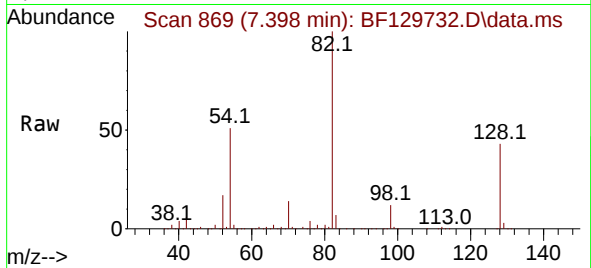




#25
Isophorone
Concen: 47.301 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF129732.D
Acq: 12 Aug 2022 00:23

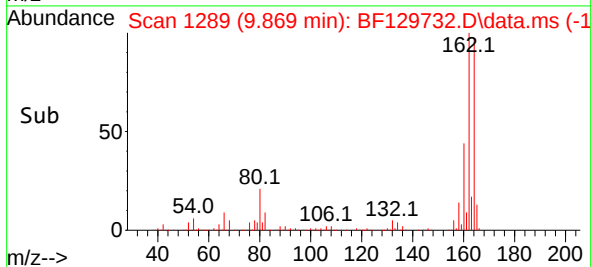
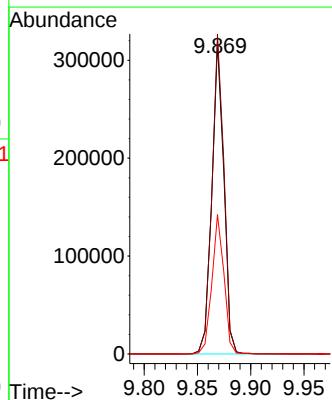
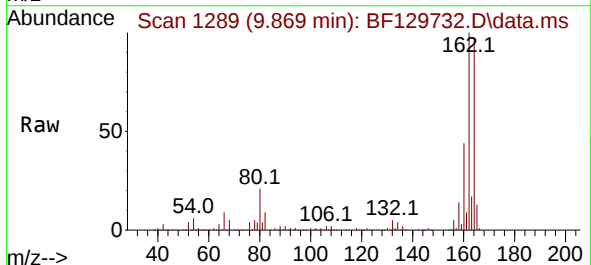
Instrument :
BNA_F
ClientSampleId :
SB07

Tgt Ion: 82 Resp: 868767
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: BF129732.D
Acq: 12 Aug 2022 00:23

Tgt Ion:164 Resp: 249682
Ion Ratio Lower Upper
164 100
162 103.0 79.5 119.3
160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 110.103 ng

RT: 10.663 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129732.D

Acq: 12 Aug 2022 00:23

Instrument :

BNA_F

ClientSampleId :

SB07

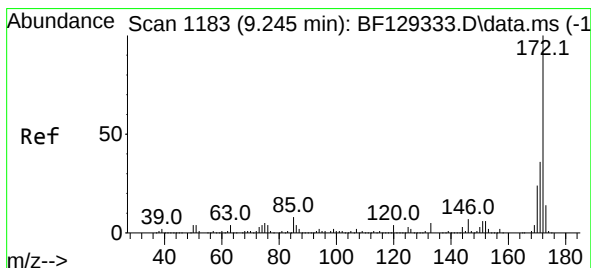
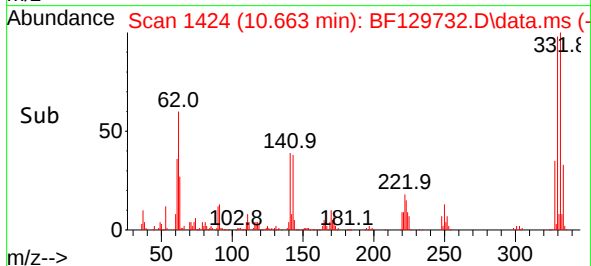
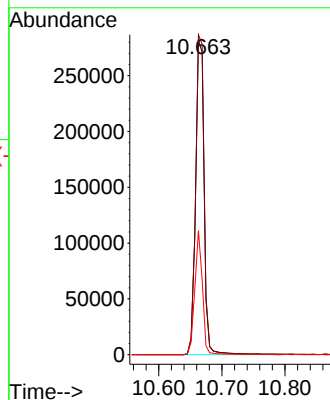
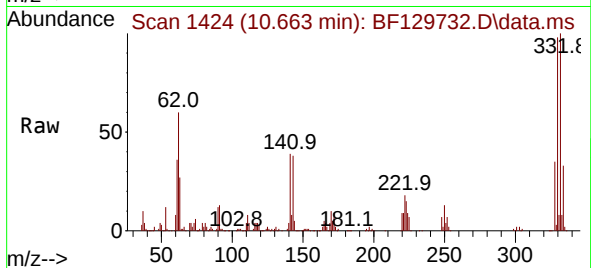
Tgt Ion:330 Resp: 264304

Ion Ratio Lower Upper

330 100

332 102.1 76.8 115.2

141 35.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 89.832 ng

RT: 9.192 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF129732.D

Acq: 12 Aug 2022 00:23

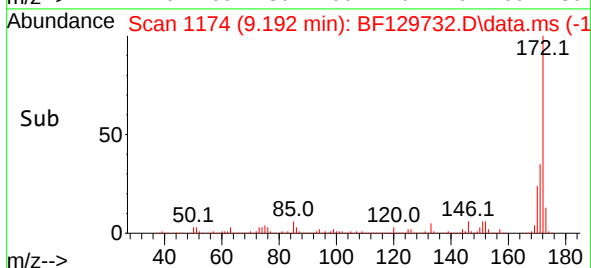
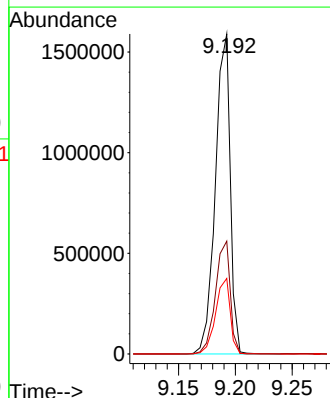
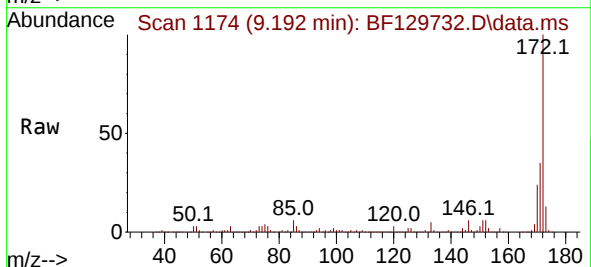
Tgt Ion:172 Resp: 1449908

Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.6 19.8 29.8

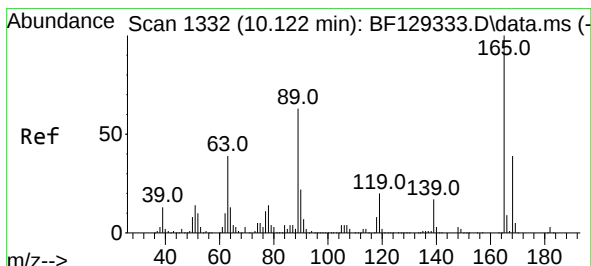
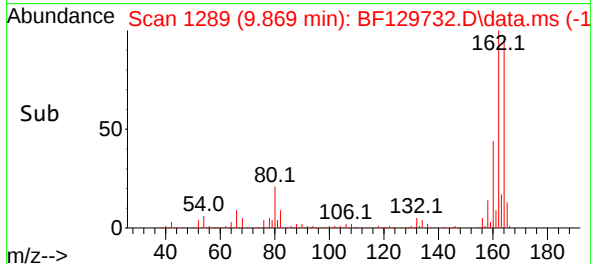
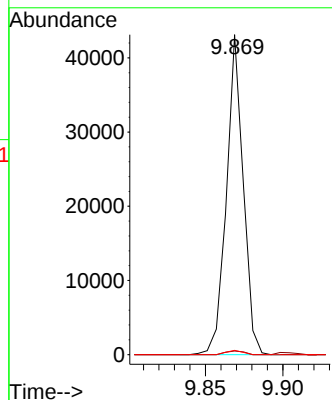
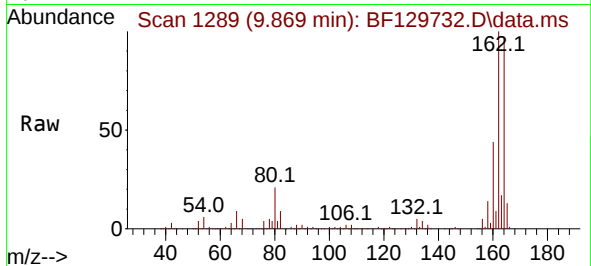




#51
2,6-Dinitrotoluene
Concen: 8.415 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF129732.D
Acq: 12 Aug 2022 00:23

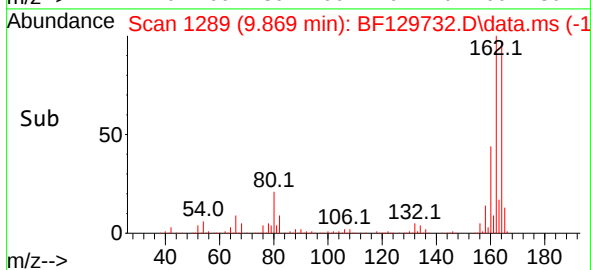
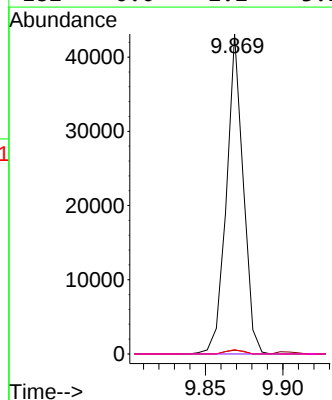
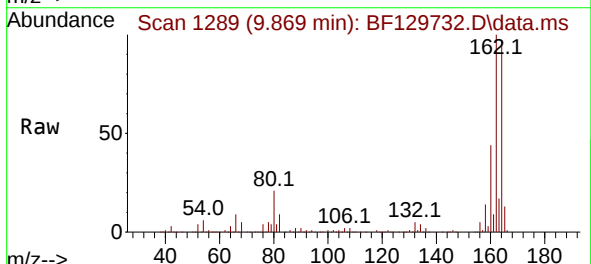
Instrument :
BNA_F
ClientSampleId :
SB07

Tgt Ion:165 Resp: 32462
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.3 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.441 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.212 min
Lab File: BF129732.D
Acq: 12 Aug 2022 00:23

Tgt Ion:165 Resp: 32462
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.3 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: BF129732.D

Acq: 12 Aug 2022 00:23

Instrument :

BNA_F

ClientSampleId :

SB07

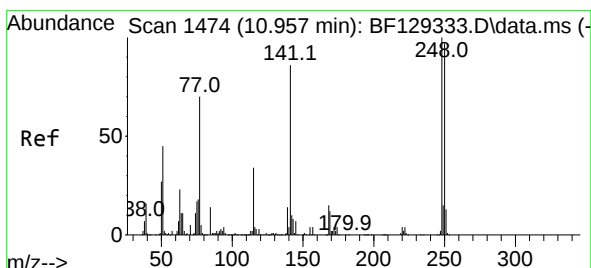
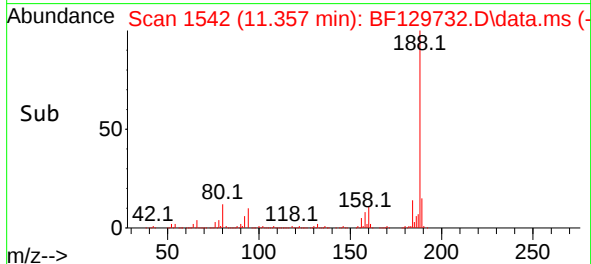
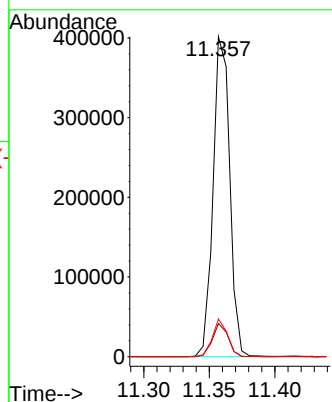
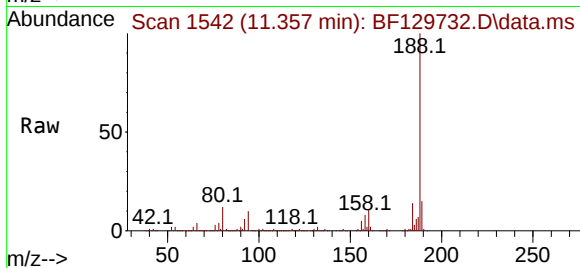
Tgt Ion:188 Resp: 354808

Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.6

80 11.7 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 4.353 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.247 min

Lab File: BF129732.D

Acq: 12 Aug 2022 00:23

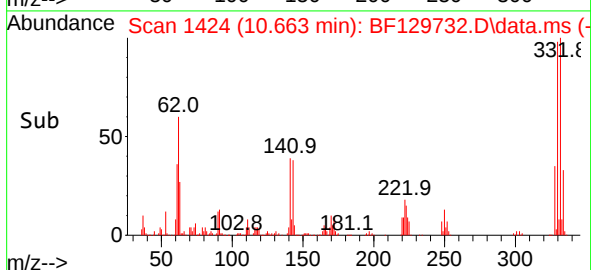
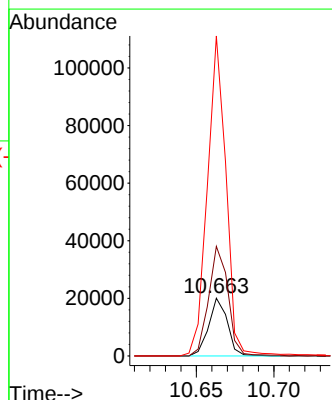
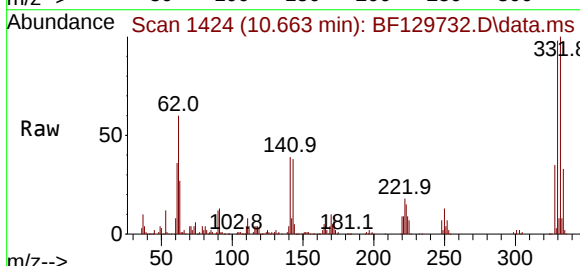
Tgt Ion:248 Resp: 16914

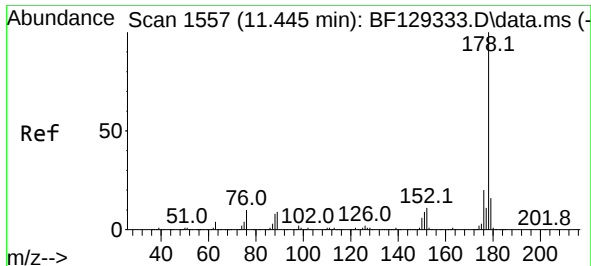
Ion Ratio Lower Upper

248 100

250 189.5 80.6 120.8#

141 553.3 58.9 88.3#

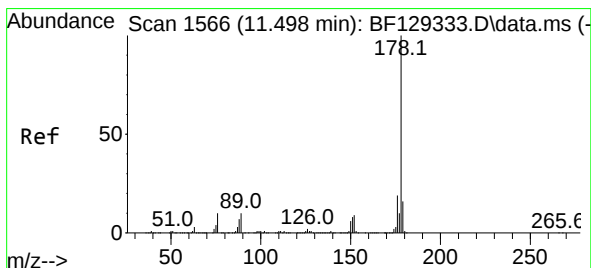
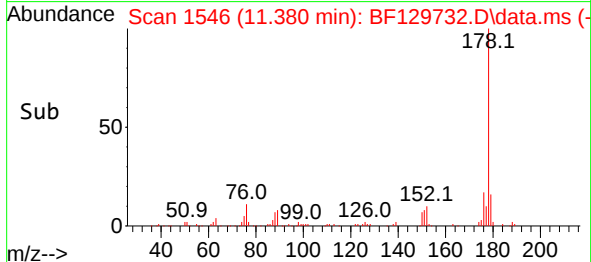
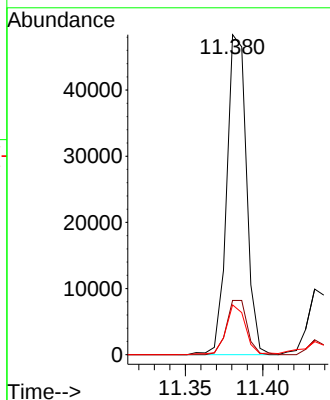
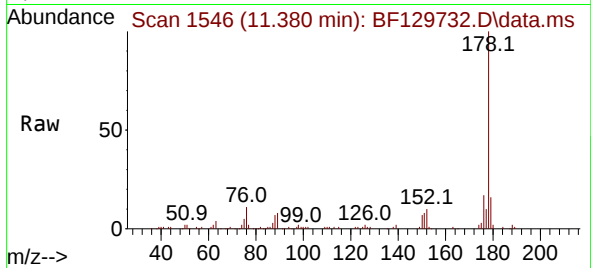




#71
Phenanthrene
Concen: 2.207 ng
RT: 11.380 min Scan# 1546
Delta R.T. -0.018 min
Lab File: BF129732.D
Acq: 12 Aug 2022 00:23

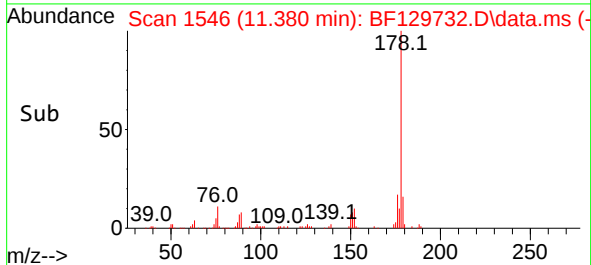
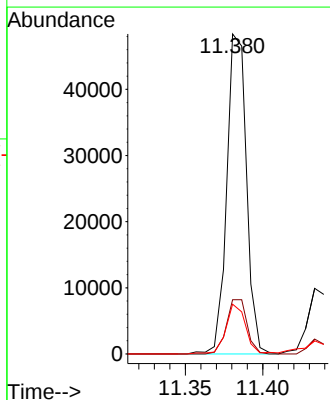
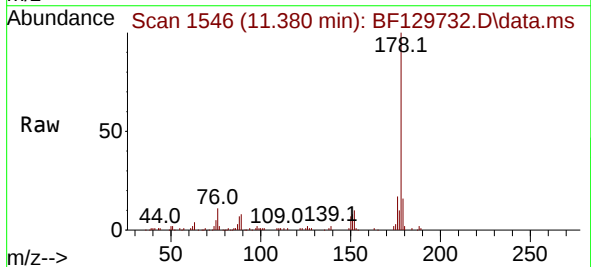
Instrument :
BNA_F
ClientSampleId :
SB07

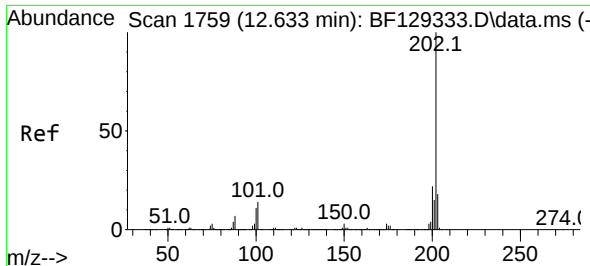
Tgt Ion:178 Resp: 42750
Ion Ratio Lower Upper
178 100
176 17.0 16.0 24.0
179 15.5 12.6 19.0



#72
Anthracene
Concen: 2.246 ng
RT: 11.380 min Scan# 1546
Delta R.T. -0.065 min
Lab File: BF129732.D
Acq: 12 Aug 2022 00:23

Tgt Ion:178 Resp: 42750
Ion Ratio Lower Upper
178 100
176 17.0 15.4 23.2
179 15.5 12.6 19.0

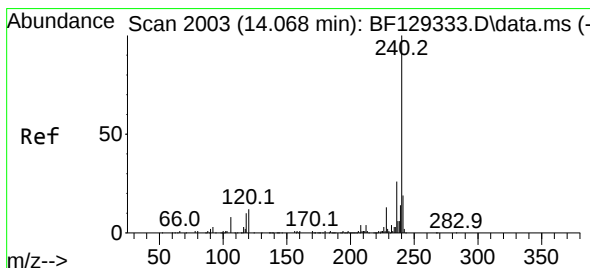
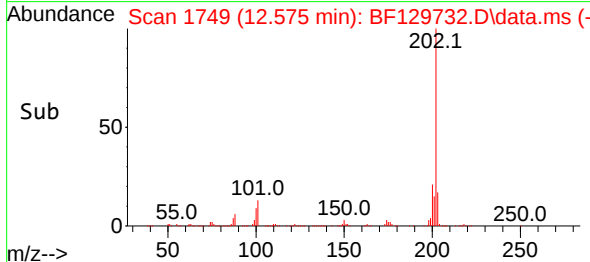
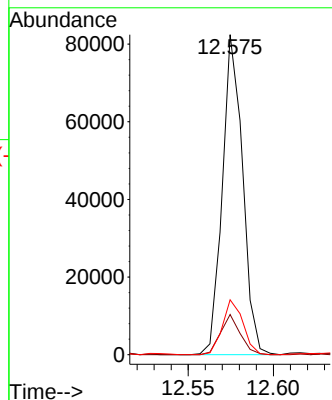
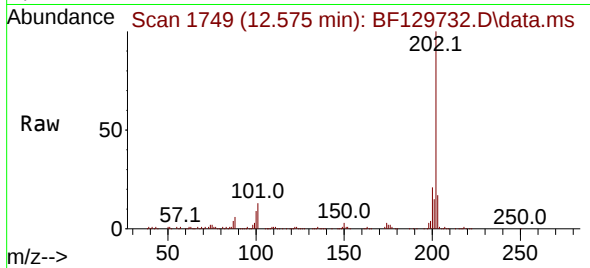




#75
Fluoranthene
Concen: 3.477 ng
RT: 12.575 min Scan# 1749
Delta R.T. -0.012 min
Lab File: BF129732.D
Acq: 12 Aug 2022 00:23

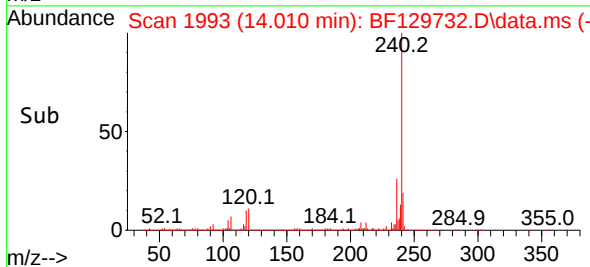
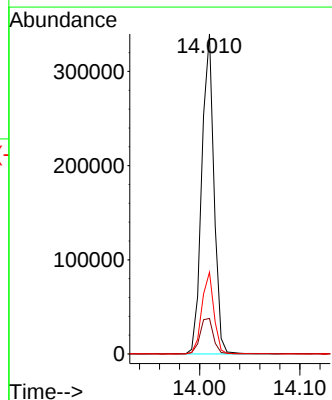
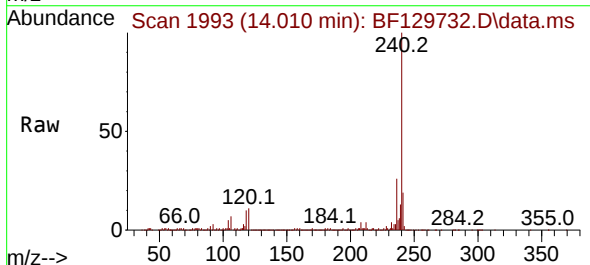
Instrument :
BNA_F
ClientSampleId :
SB07

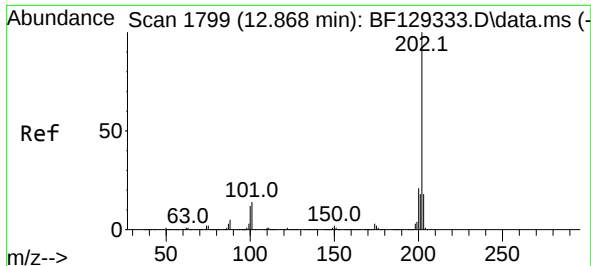
Tgt Ion:202 Resp: 68235
Ion Ratio Lower Upper
202 100
101 12.6 0.0 31.4
203 17.2 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.012 min
Lab File: BF129732.D
Acq: 12 Aug 2022 00:23

Tgt Ion:240 Resp: 288865
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.6 20.8 31.2

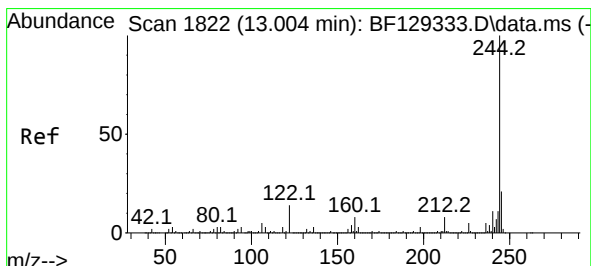
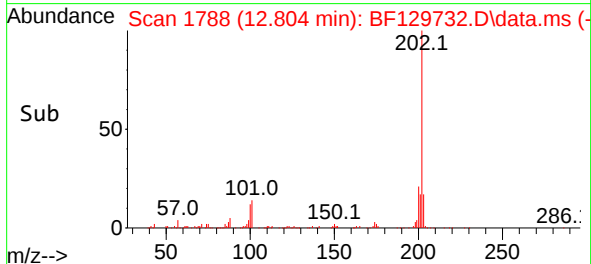
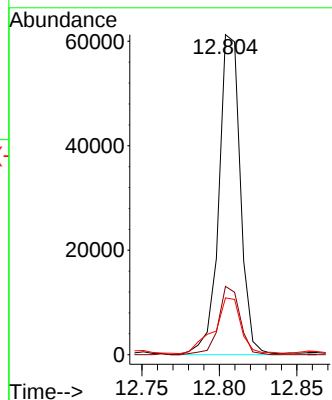
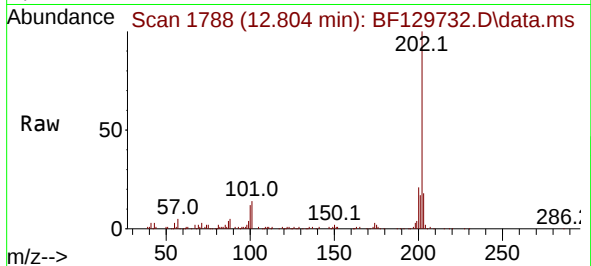




#78
 Pyrene
 Concen: 2.453 ng
 RT: 12.804 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF129732.D
 Acq: 12 Aug 2022 00:23

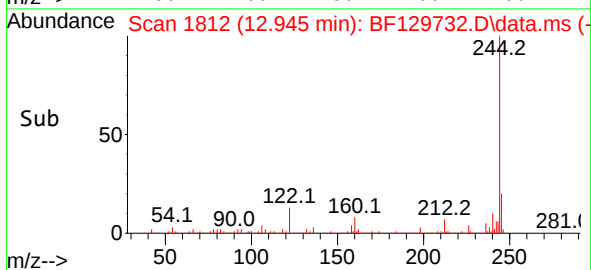
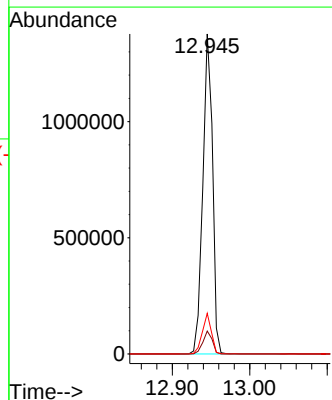
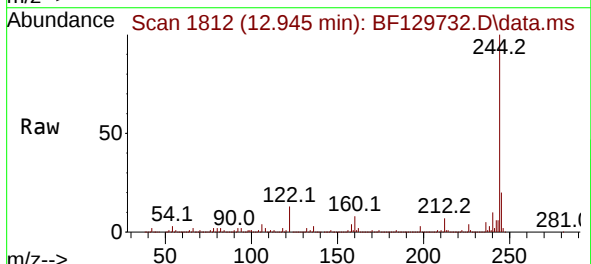
Instrument :
 BNA_F
 ClientSampleId :
 SB07

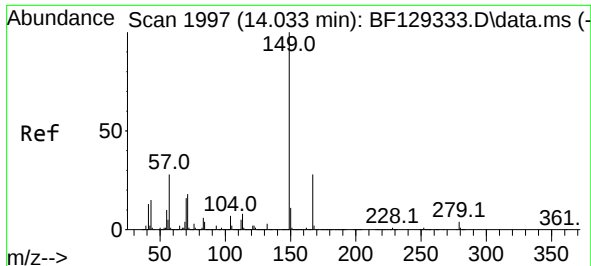
Tgt Ion:202 Resp: 59262
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.7 26.5
 203 17.8 14.6 21.8



#79
 Terphenyl-d14
 Concen: 78.163 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. -0.012 min
 Lab File: BF129732.D
 Acq: 12 Aug 2022 00:23

Tgt Ion:244 Resp: 1196793
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 12.7 8.8 13.2

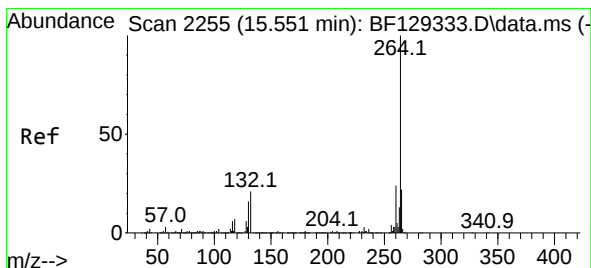
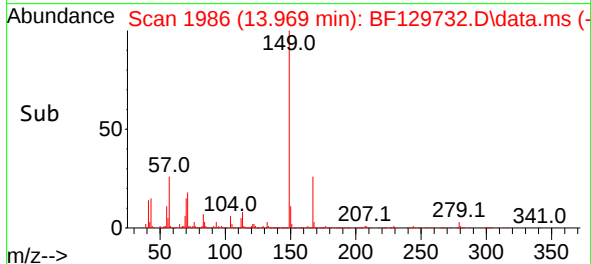
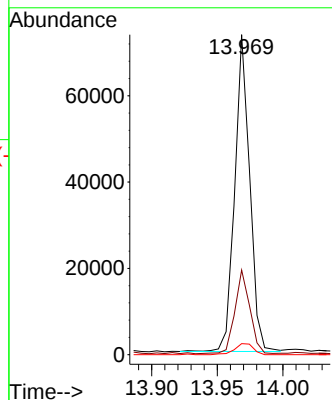
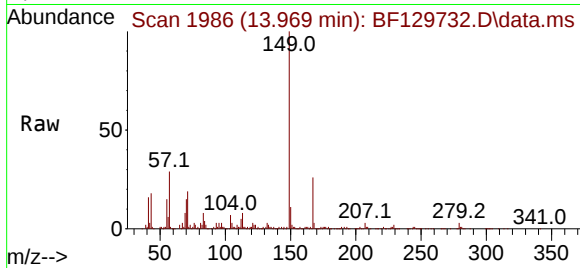




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.229 ng
 RT: 13.969 min Scan# 1997
 Delta R.T. -0.006 min
 Lab File: BF129732.D
 Acq: 12 Aug 2022 00:23

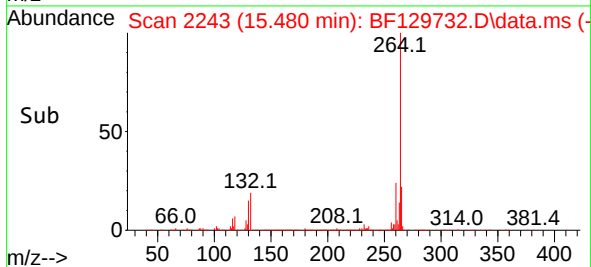
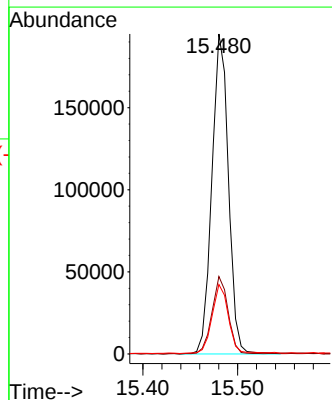
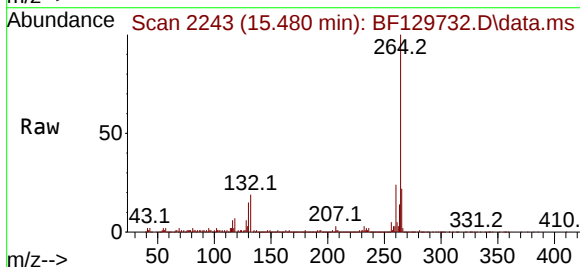
Instrument :
 BNA_F
 ClientSampleId :
 SB07

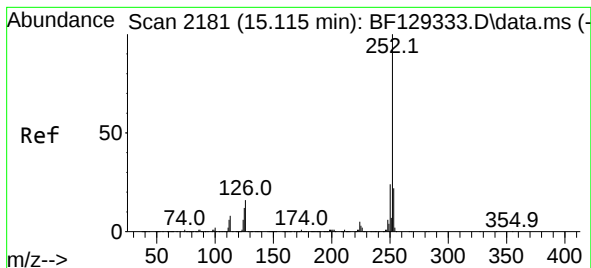
Tgt Ion:149 Resp: 58331
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.4
 279 3.4 3.1 4.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2243
 Delta R.T. -0.012 min
 Lab File: BF129732.D
 Acq: 12 Aug 2022 00:23

Tgt Ion:264 Resp: 237024
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 21.7 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.842 ng

RT: 15.051 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF129732.D

Acq: 12 Aug 2022 00:23

Instrument :

BNA_F

ClientSampleId :

SB07

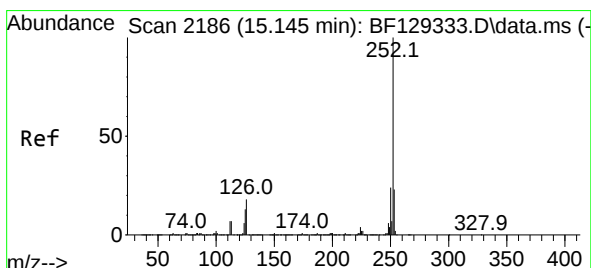
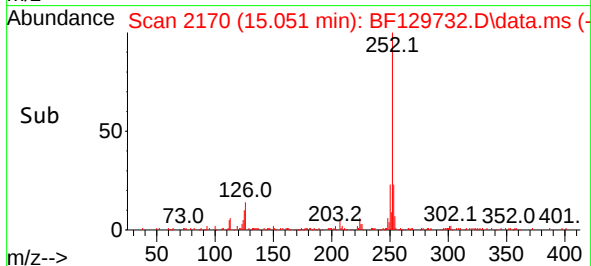
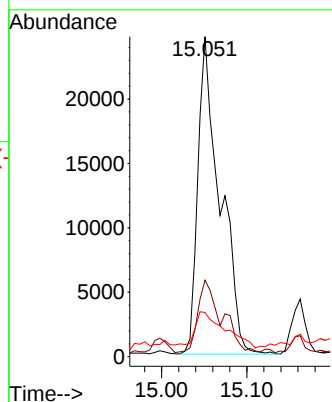
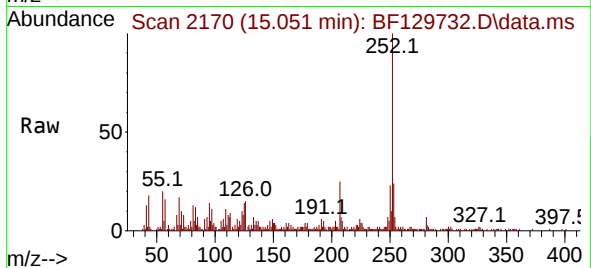
Tgt Ion:252 Resp: 44681

Ion Ratio Lower Upper

252 100

253 23.9 17.7 26.5

125 13.8 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 2.900 ng

RT: 15.051 min Scan# 2170

Delta R.T. -0.041 min

Lab File: BF129732.D

Acq: 12 Aug 2022 00:23

Tgt Ion:252 Resp: 44681

Ion Ratio Lower Upper

252 100

253 23.9 17.8 26.6

125 13.8 8.3 12.5#

