

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129728.D
 Acq On : 11 Aug 2022 22:13
 Operator : CG\JU
 Sample : N4017-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB12

Quant Time: Aug 12 00:04:24 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)

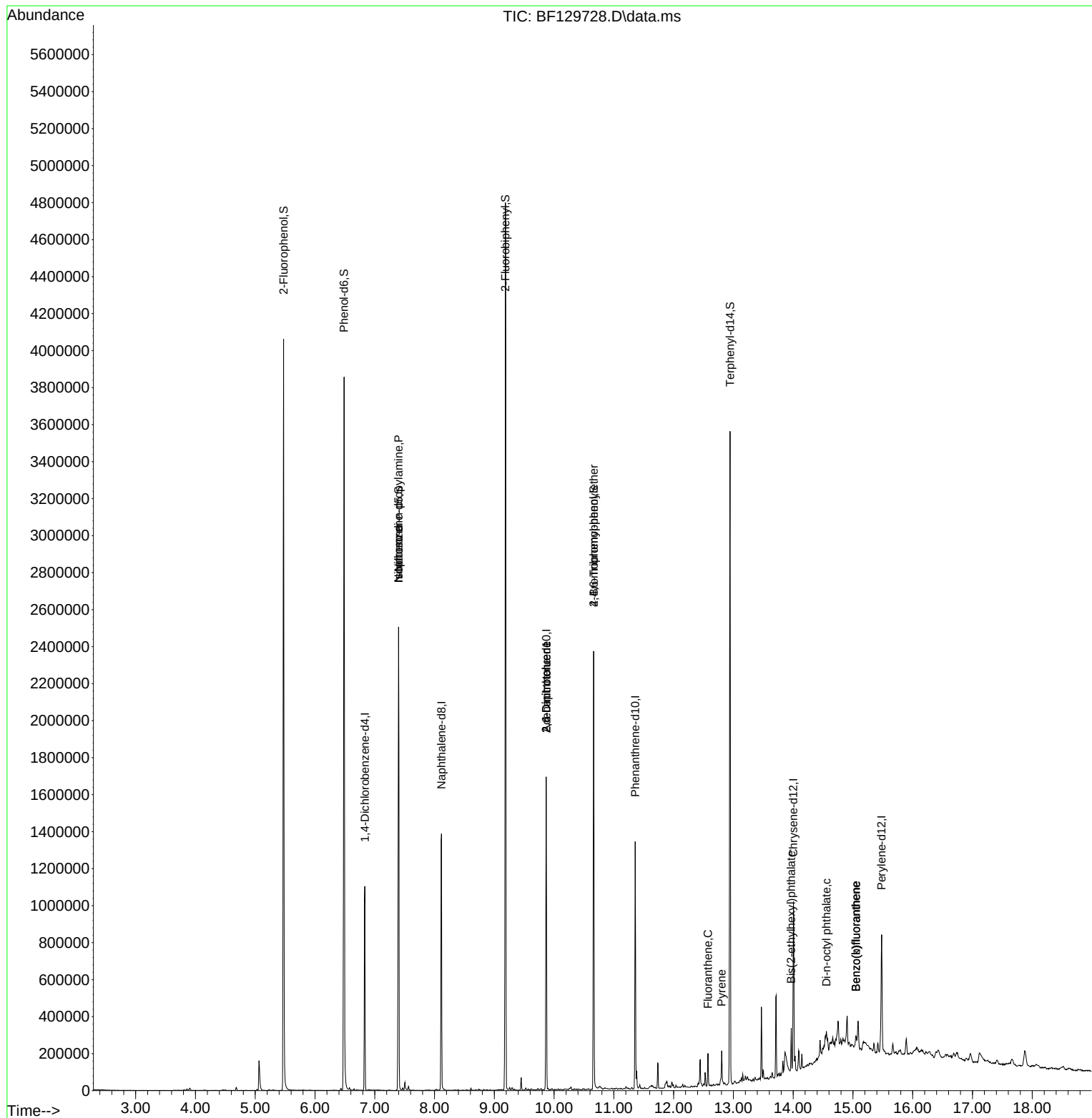
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	166743	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	639334	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	306965	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	434515	20.000	ng	#-0.01
76) Chrysene-d12	14.004	240	299838	20.000	ng	#-0.02
86) Perylene-d12	15.480	264	285322	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1055579	103.125	ng	0.00
7) Phenol-d6	6.487	99	1339994	104.150	ng	0.00
23) Nitrobenzene-d5	7.398	82	851440	72.699	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	261302	88.540	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	1490387	75.108	ng	-0.01
79) Terphenyl-d14	12.945	244	1114546	70.127	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	113161	14.528	ng	# 74
25) Isophorone	7.398	82	851420	40.556	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	39695	8.369	ng	# 25
57) 2,4-Dinitrotoluene	9.869	165	39695	6.407	ng	# 21
67) 4-Bromophenyl-phenylether	10.663	248	16241	3.413	ng	# 1
75) Fluoranthene	12.574	202	59955	2.495	ng	97
78) Pyrene	12.804	202	63814	2.545	ng	96
84) Bis(2-ethylhexyl)phtha...	13.968	149	58352	4.075	ng	99
85) Di-n-octyl phthalate	14.557	149	62804	3.048	ng	# 43
88) Benzo(b)fluoranthene	15.051	252	48745	2.576	ng	# 91
89) Benzo(k)fluoranthene	15.051	252	48745	2.628	ng	# 92

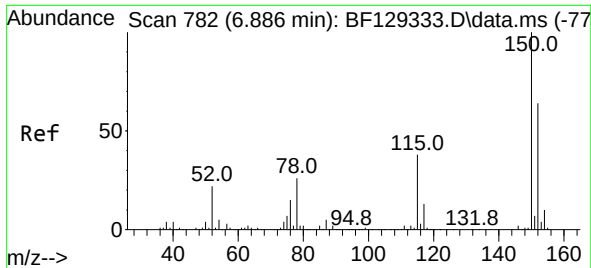
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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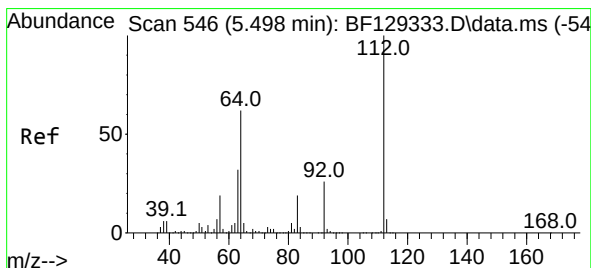
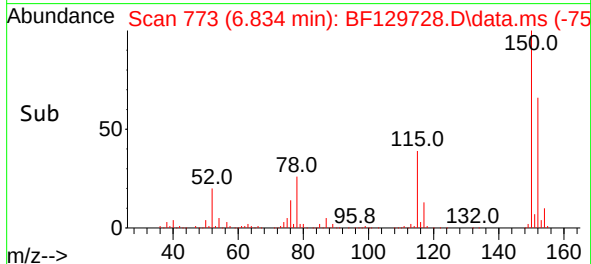
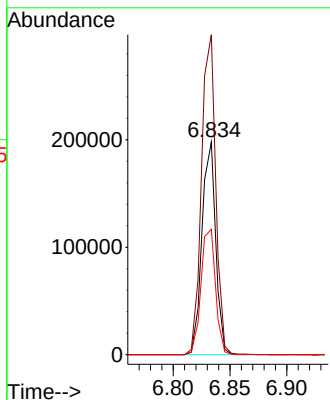
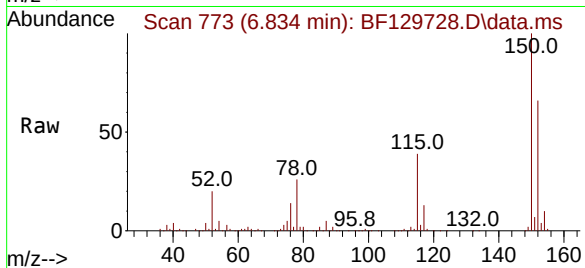




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129728.D
Acq: 11 Aug 2022 22:13

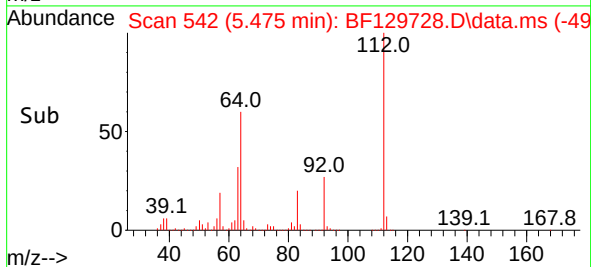
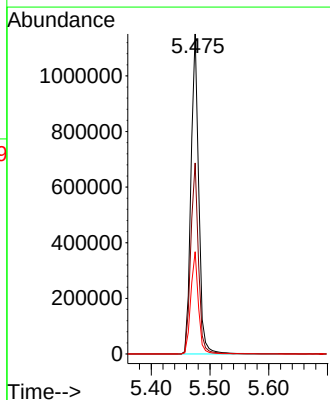
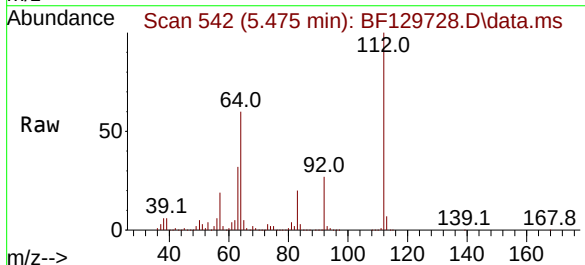
Instrument :
BNA_F
ClientSampleId :
SB12

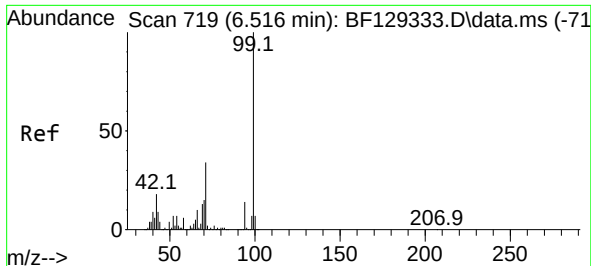
Tgt Ion:152 Resp: 166743
Ion Ratio Lower Upper
152 100
150 150.6 123.7 185.5
115 59.0 49.9 74.9



#5
2-Fluorophenol
Concen: 103.125 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF129728.D
Acq: 11 Aug 2022 22:13

Tgt Ion:112 Resp: 1055579
Ion Ratio Lower Upper
112 100
64 59.7 53.3 79.9
63 31.9 28.0 42.0

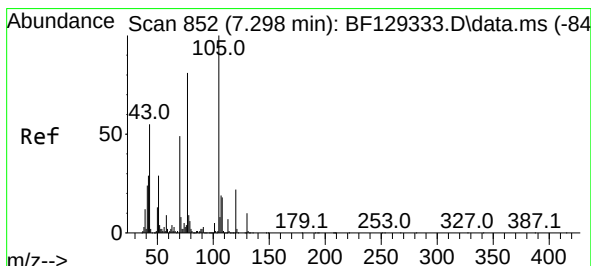
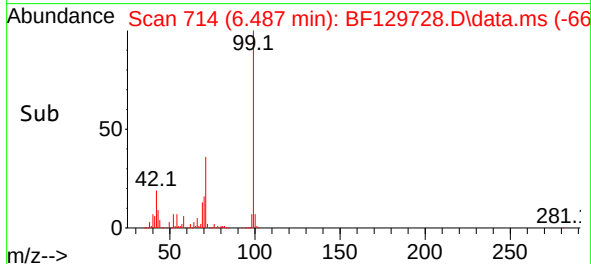
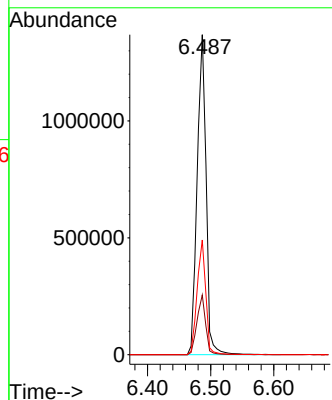
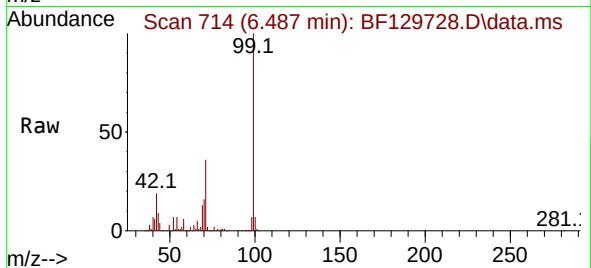




#7
Phenol-d6
Concen: 104.150 ng
RT: 6.487 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129728.D
Acq: 11 Aug 2022 22:13

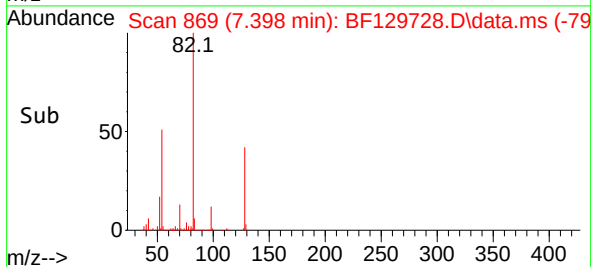
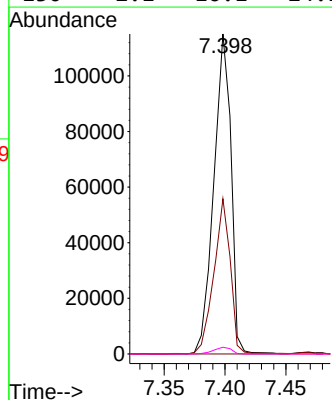
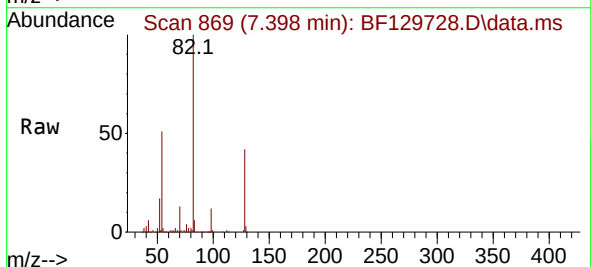
Instrument :
BNA_F
ClientSampleId :
SB12

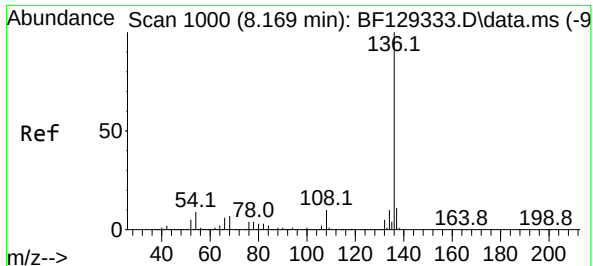
Tgt Ion: 99 Resp: 1339994
Ion Ratio Lower Upper
99 100
42 18.7 17.3 25.9
71 35.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.528 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.141 min
Lab File: BF129728.D
Acq: 11 Aug 2022 22:13

Tgt Ion: 70 Resp: 113161
Ion Ratio Lower Upper
70 100
42 48.5 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

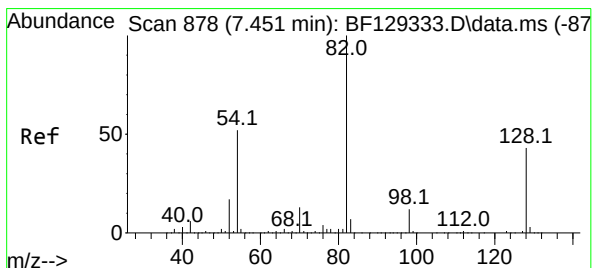
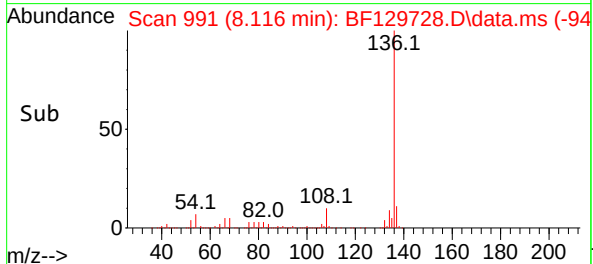
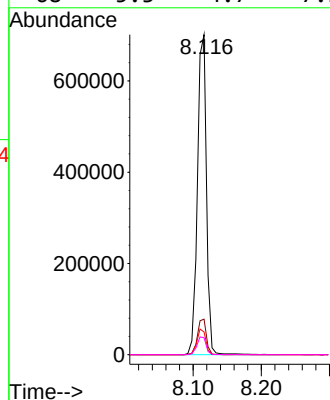
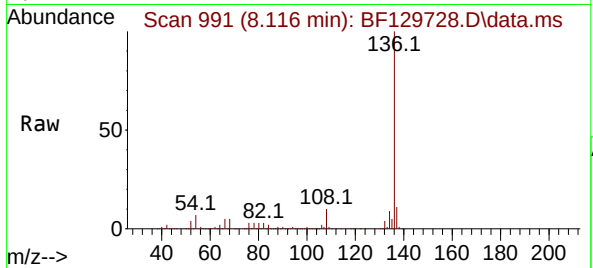




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129728.D
Acq: 11 Aug 2022 22:13

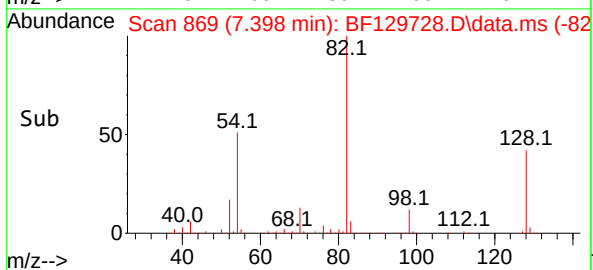
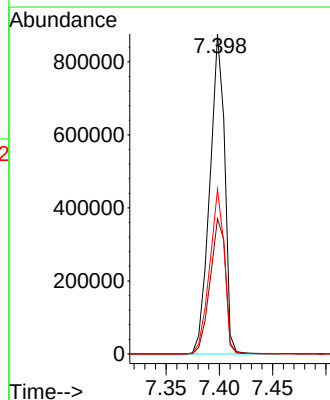
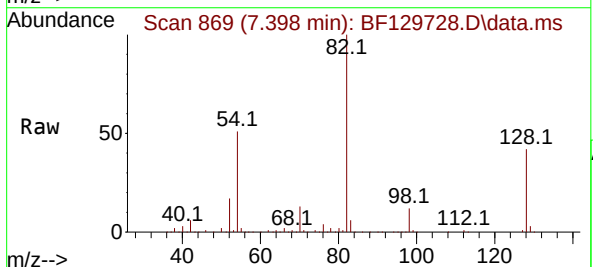
Instrument :
BNA_F
ClientSampleId :
SB12

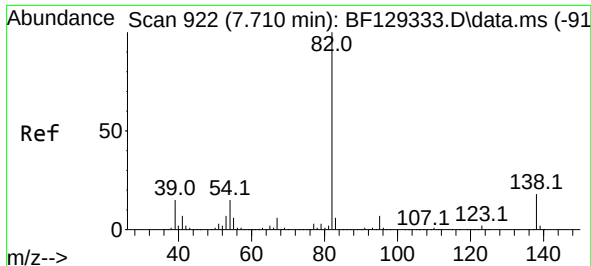
Tgt Ion:136 Resp: 639334
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.1 7.5 11.3#
68 5.3 4.7 7.1



#23
Nitrobenzene-d5
Concen: 72.699 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF129728.D
Acq: 11 Aug 2022 22:13

Tgt Ion: 82 Resp: 851440
Ion Ratio Lower Upper
82 100
128 42.3 34.0 51.0
54 51.5 46.9 70.3

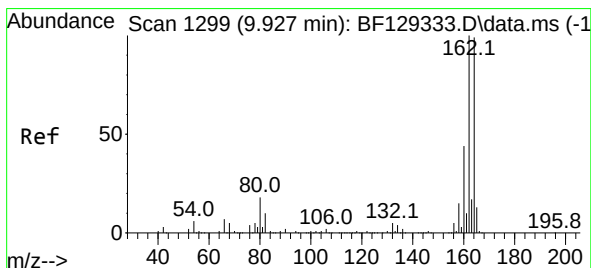
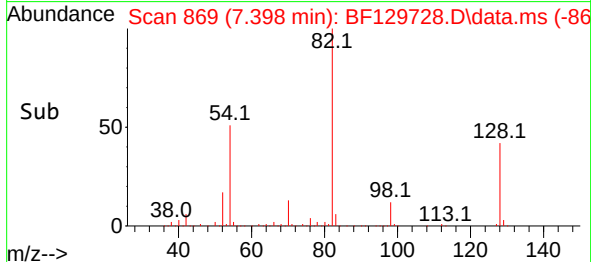
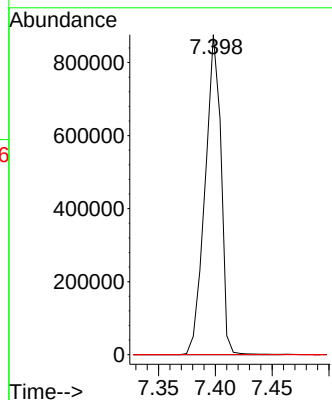
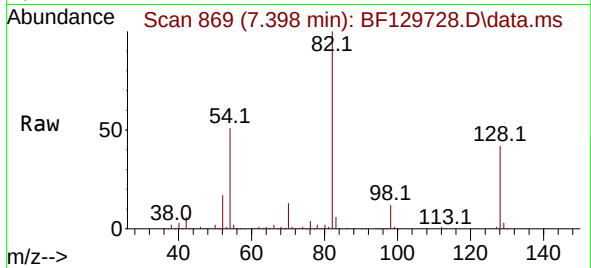




#25
Isophorone
Concen: 40.556 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF129728.D
Acq: 11 Aug 2022 22:13

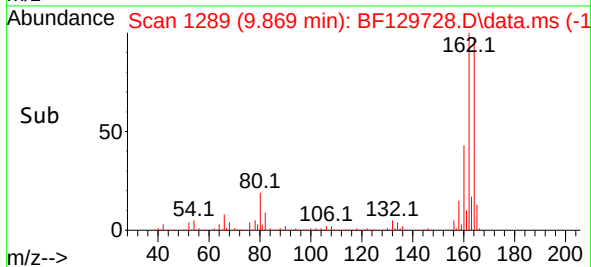
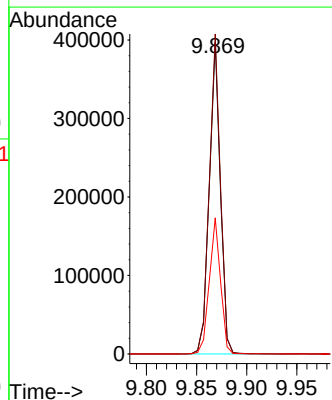
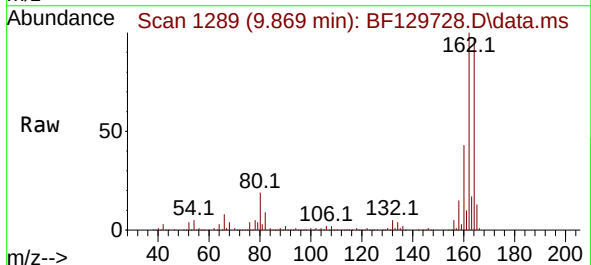
Instrument :
BNA_F
ClientSampleId :
SB12

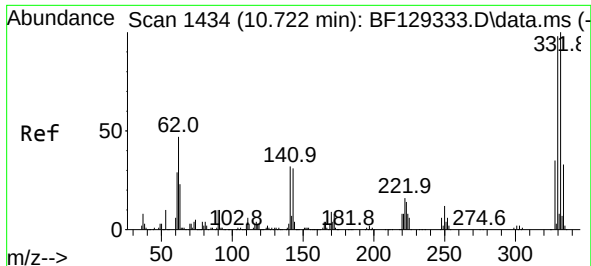
Tgt Ion: 82 Resp: 851420
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF129728.D
Acq: 11 Aug 2022 22:13

Tgt Ion:164 Resp: 306965
Ion Ratio Lower Upper
164 100
162 102.7 79.5 119.3
160 43.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 88.540 ng

RT: 10.663 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129728.D

Acq: 11 Aug 2022 22:13

Instrument :

BNA_F

ClientSampleId :

SB12

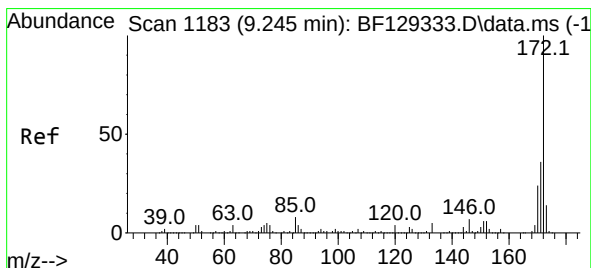
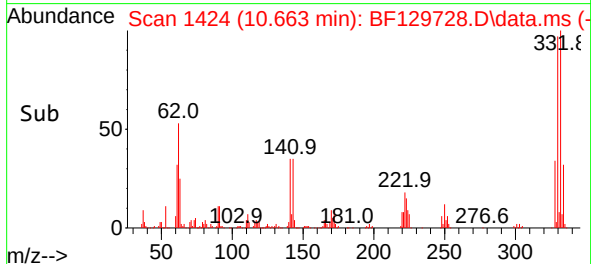
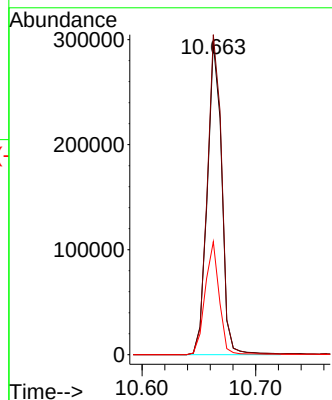
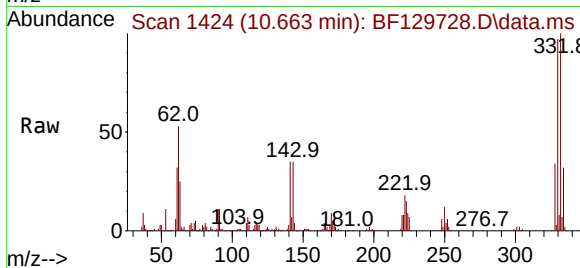
Tgt Ion:330 Resp: 261302

Ion Ratio Lower Upper

330 100

332 102.5 76.8 115.2

141 35.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 75.108 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.012 min

Lab File: BF129728.D

Acq: 11 Aug 2022 22:13

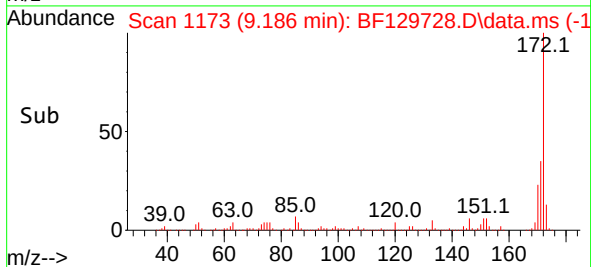
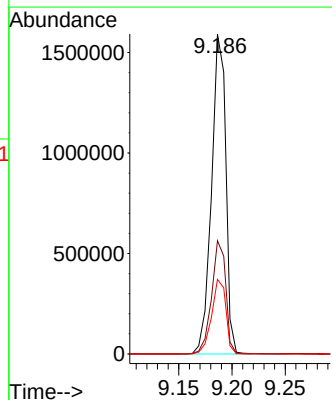
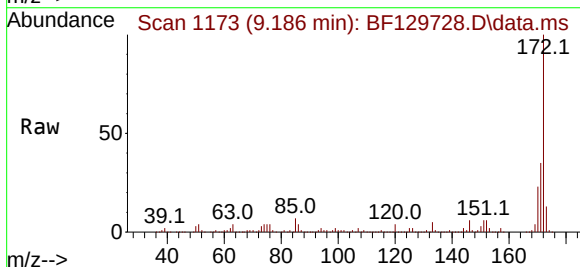
Tgt Ion:172 Resp: 1490387

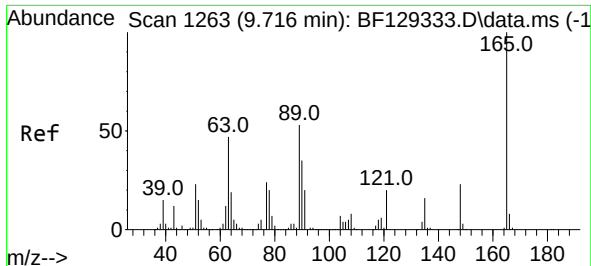
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.3 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.369 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF129728.D

Acq: 11 Aug 2022 22:13

Instrument :

BNA_F

ClientSampleId :

SB12

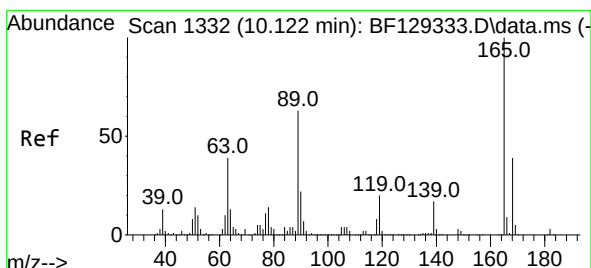
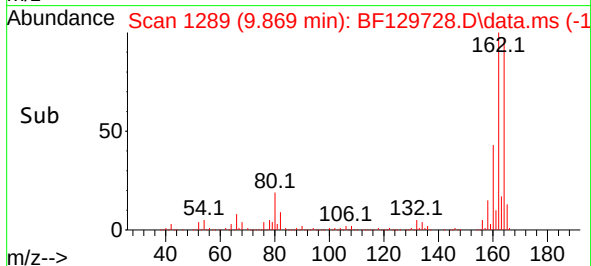
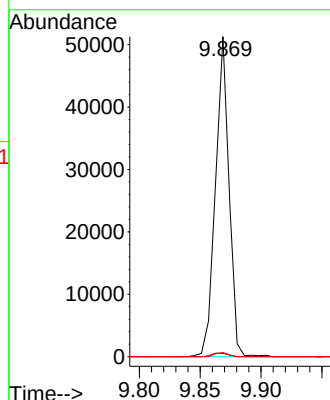
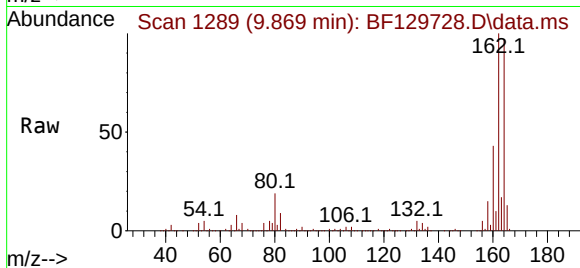
Tgt Ion:165 Resp: 39695

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.3 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.407 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.212 min

Lab File: BF129728.D

Acq: 11 Aug 2022 22:13

Tgt Ion:165 Resp: 39695

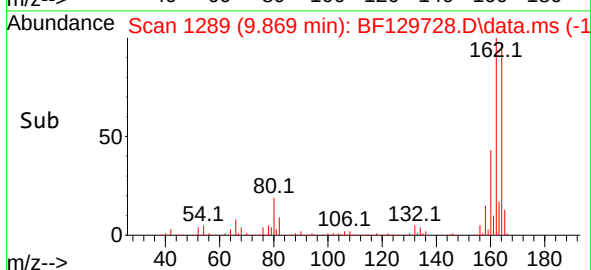
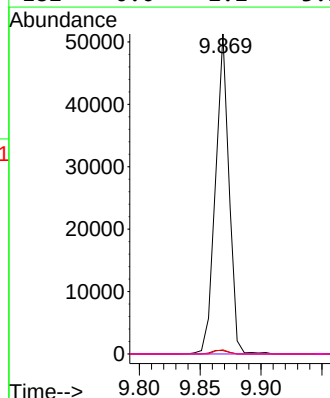
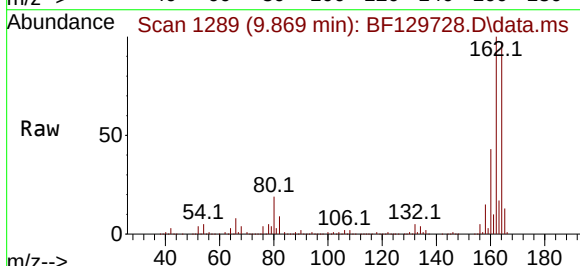
Ion Ratio Lower Upper

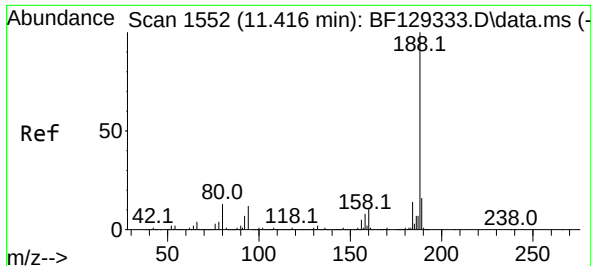
165 100

63 1.0 39.8 59.6#

89 1.3 60.2 90.2#

182 0.0 2.2 3.2#

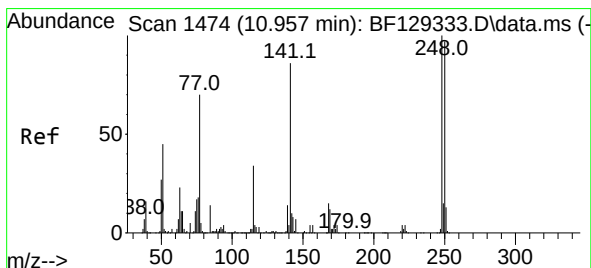
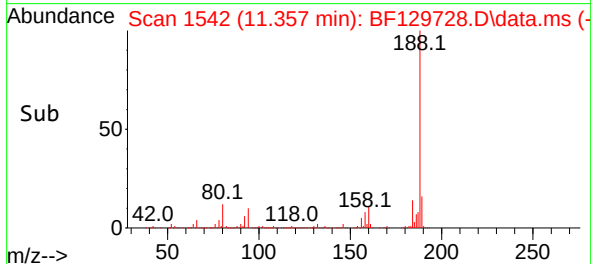
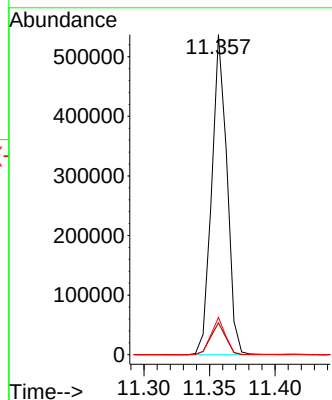
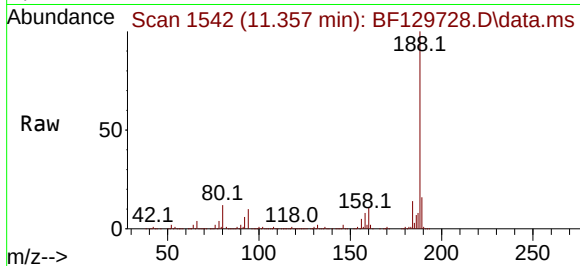




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129728.D
Acq: 11 Aug 2022 22:13

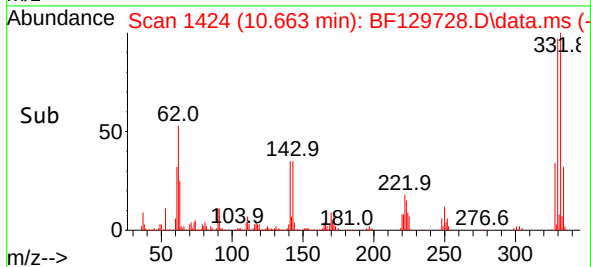
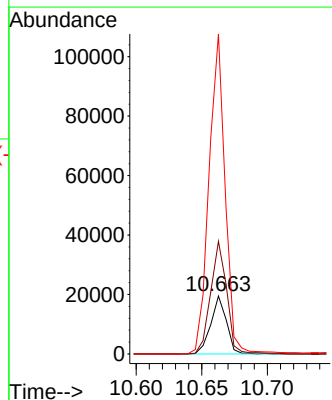
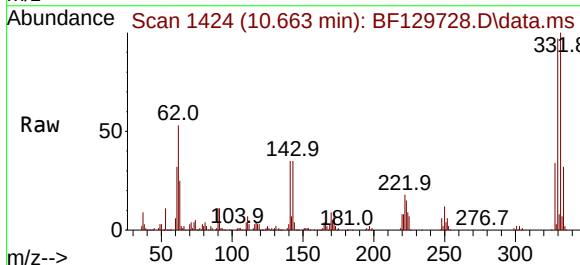
Instrument :
BNA_F
ClientSampleId :
SB12

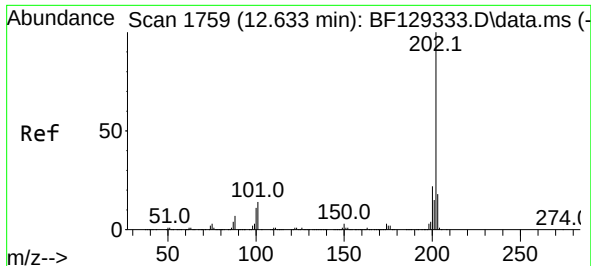
Tgt Ion:188 Resp: 434515
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 11.7 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 3.413 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.247 min
Lab File: BF129728.D
Acq: 11 Aug 2022 22:13

Tgt Ion:248 Resp: 16241
Ion Ratio Lower Upper
248 100
250 194.8 80.6 120.8#
141 553.0 58.9 88.3#

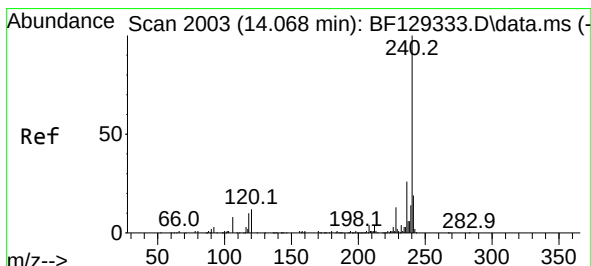
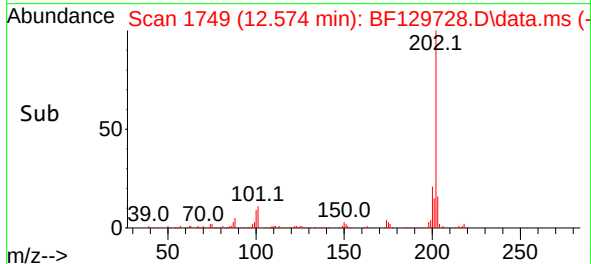
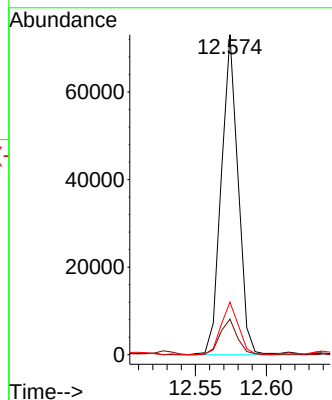
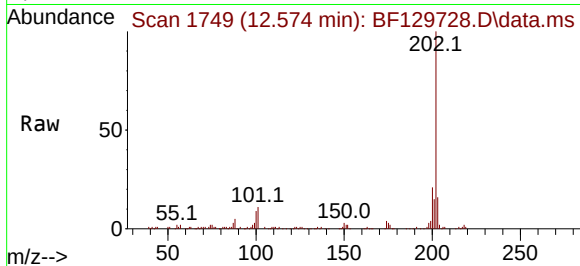




#75
Fluoranthene
Concen: 2.495 ng
RT: 12.574 min Scan# 1749
Delta R.T. -0.012 min
Lab File: BF129728.D
Acq: 11 Aug 2022 22:13

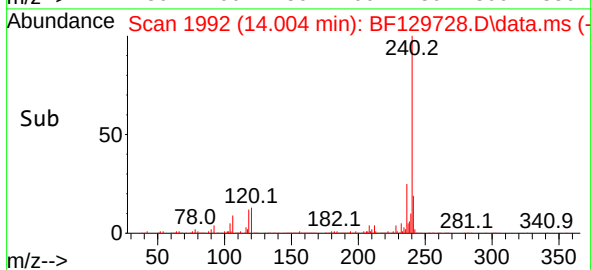
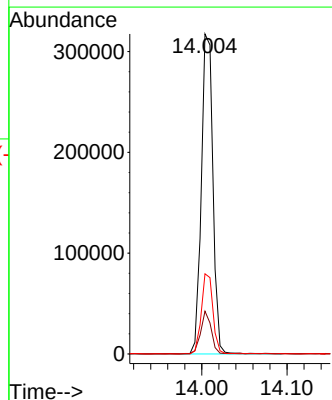
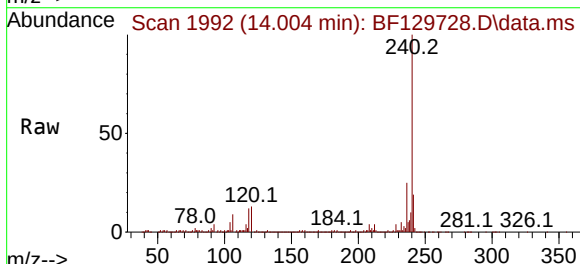
Instrument :
BNA_F
ClientSampleId :
SB12

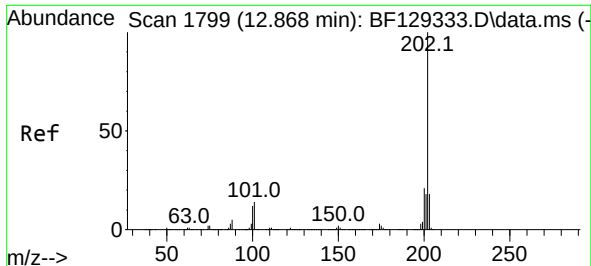
Tgt Ion:202 Resp: 59955
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 16.4 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.018 min
Lab File: BF129728.D
Acq: 11 Aug 2022 22:13

Tgt Ion:240 Resp: 299838
Ion Ratio Lower Upper
240 100
120 13.4 8.9 13.3#
236 25.1 20.8 31.2

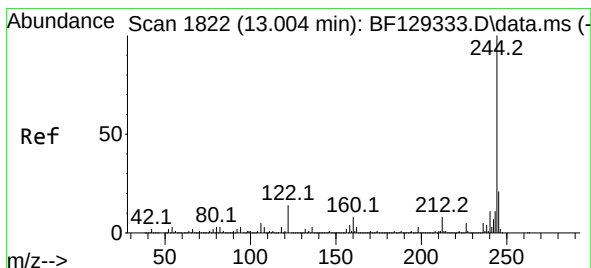
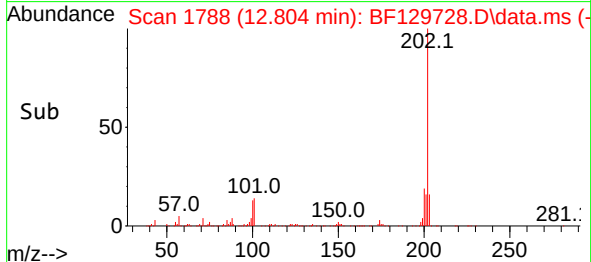
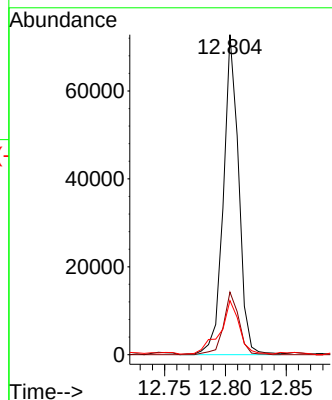
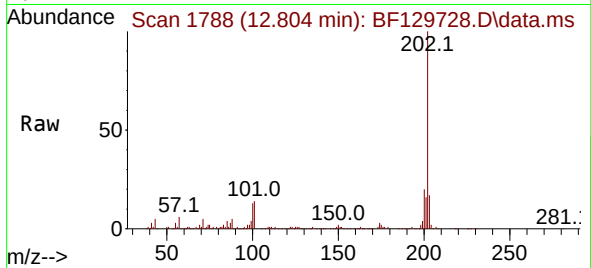




#78
 Pyrene
 Concen: 2.545 ng
 RT: 12.804 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF129728.D
 Acq: 11 Aug 2022 22:13

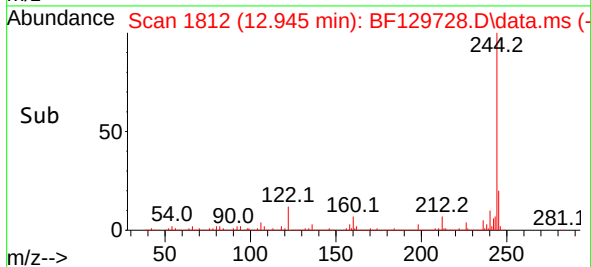
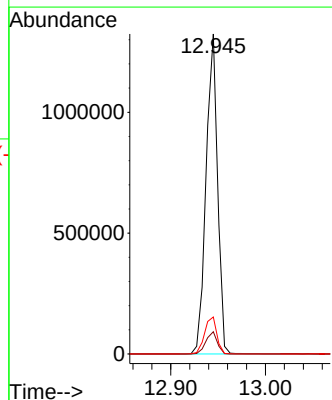
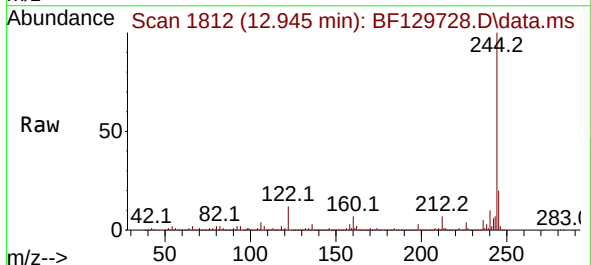
Instrument :
 BNA_F
 ClientSampleId :
 SB12

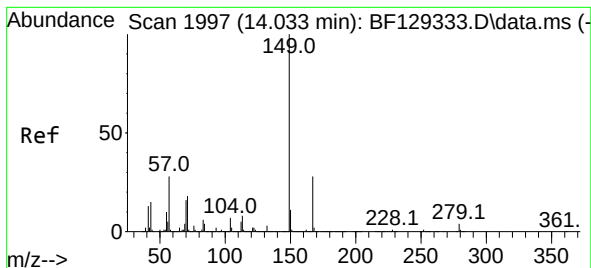
Tgt Ion:202 Resp: 63814
 Ion Ratio Lower Upper
 202 100
 200 19.5 17.7 26.5
 203 16.9 14.6 21.8



#79
 Terphenyl-d14
 Concen: 70.127 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. -0.012 min
 Lab File: BF129728.D
 Acq: 11 Aug 2022 22:13

Tgt Ion:244 Resp: 1114546
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 11.6 8.8 13.2

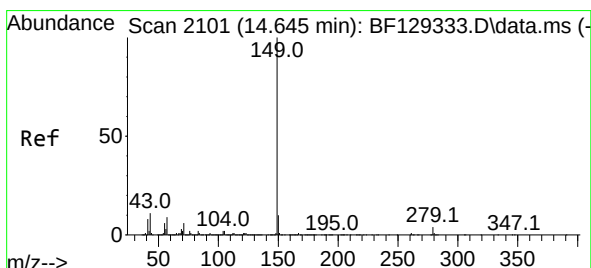
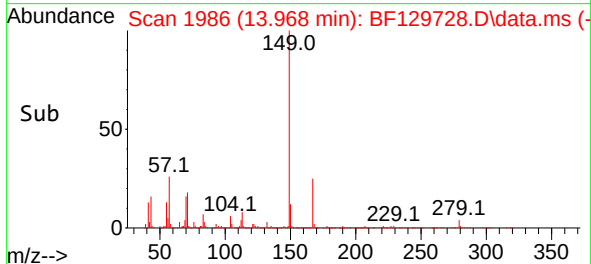
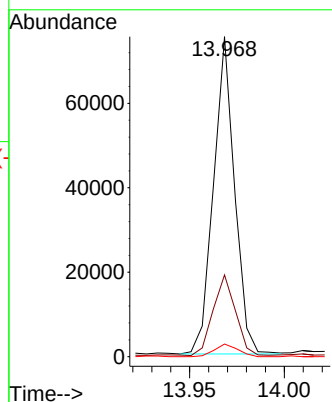
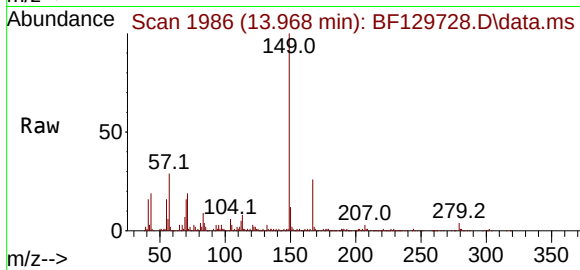




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.075 ng
RT: 13.968 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129728.D
Acq: 11 Aug 2022 22:13

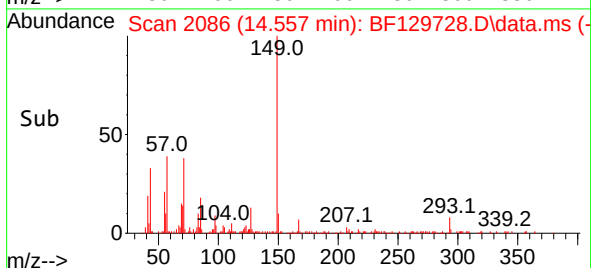
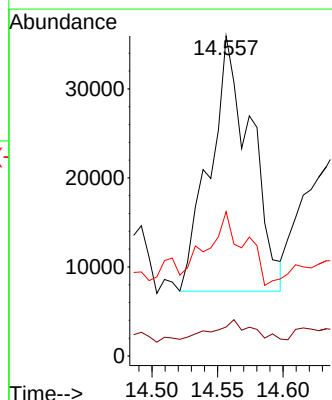
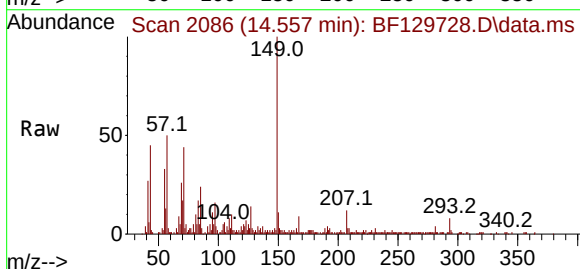
Instrument :
BNA_F
ClientSampleId :
SB12

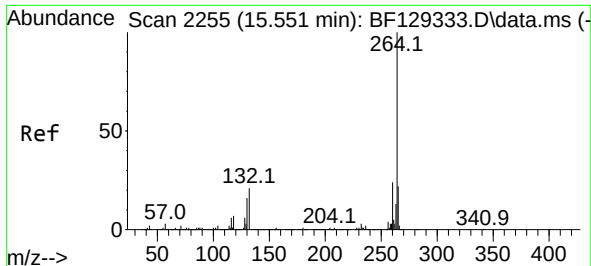
Tgt Ion:149 Resp: 58352
Ion Ratio Lower Upper
149 100
167 25.5 21.0 31.4
279 3.9 3.1 4.7



#85
Di-n-octyl phthalate
Concen: 3.048 ng
RT: 14.557 min Scan# 2086
Delta R.T. -0.035 min
Lab File: BF129728.D
Acq: 11 Aug 2022 22:13

Tgt Ion:149 Resp: 62804
Ion Ratio Lower Upper
149 100
167 7.7 1.3 1.9#
43 35.5 9.2 13.8#

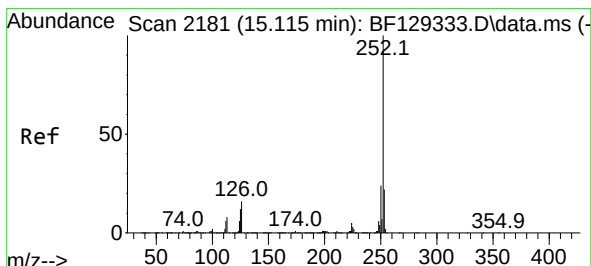
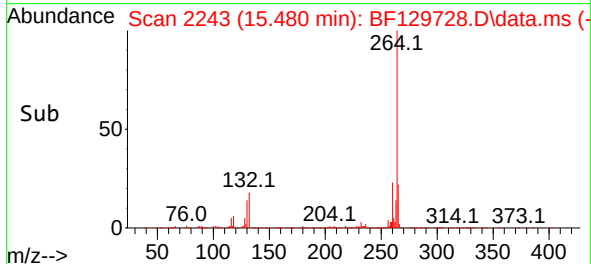
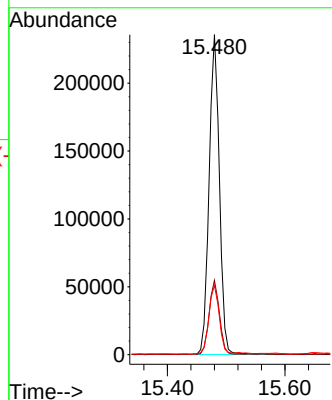
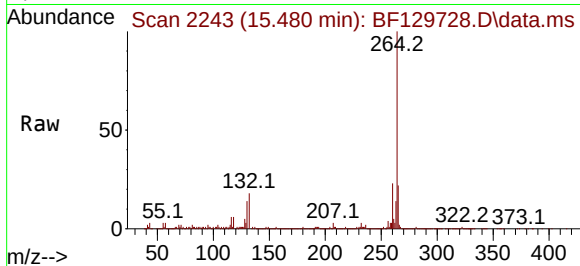




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2170
Delta R.T. -0.012 min
Lab File: BF129728.D
Acq: 11 Aug 2022 22:13

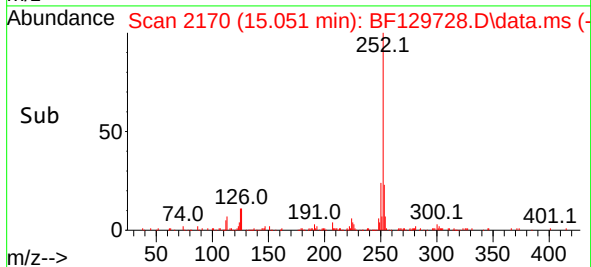
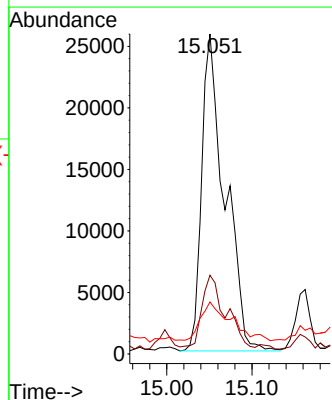
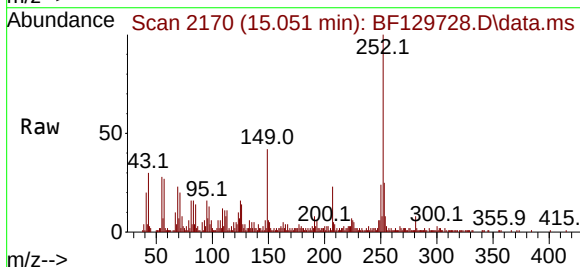
Instrument :
BNA_F
ClientSampleId :
SB12

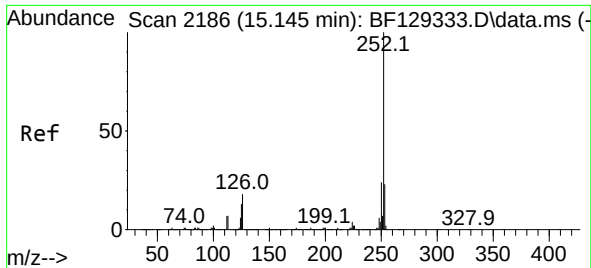
Tgt Ion:264 Resp: 285322
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 21.7 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 2.576 ng
RT: 15.051 min Scan# 2170
Delta R.T. -0.012 min
Lab File: BF129728.D
Acq: 11 Aug 2022 22:13

Tgt Ion:252 Resp: 48745
Ion Ratio Lower Upper
252 100
253 24.6 17.7 26.5
125 16.3 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 2.628 ng

RT: 15.051 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF129728.D

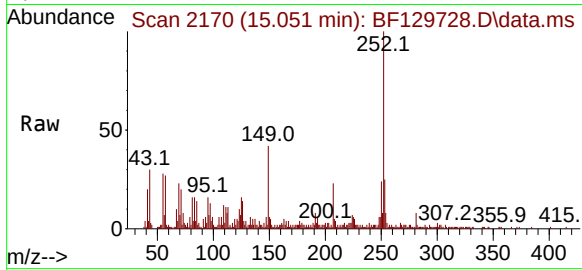
Acq: 11 Aug 2022 22:13

Instrument :

BNA_F

ClientSampleId :

SB12



Tgt Ion:252 Resp: 48745

Ion Ratio Lower Upper

252 100

253 24.6 17.8 26.6

125 16.3 8.3 12.5#

