

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129843.D
 Acq On : 17 Aug 2022 13:58
 Operator : CG\JU
 Sample : N4189-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB17

Quant Time: Aug 17 16:47:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

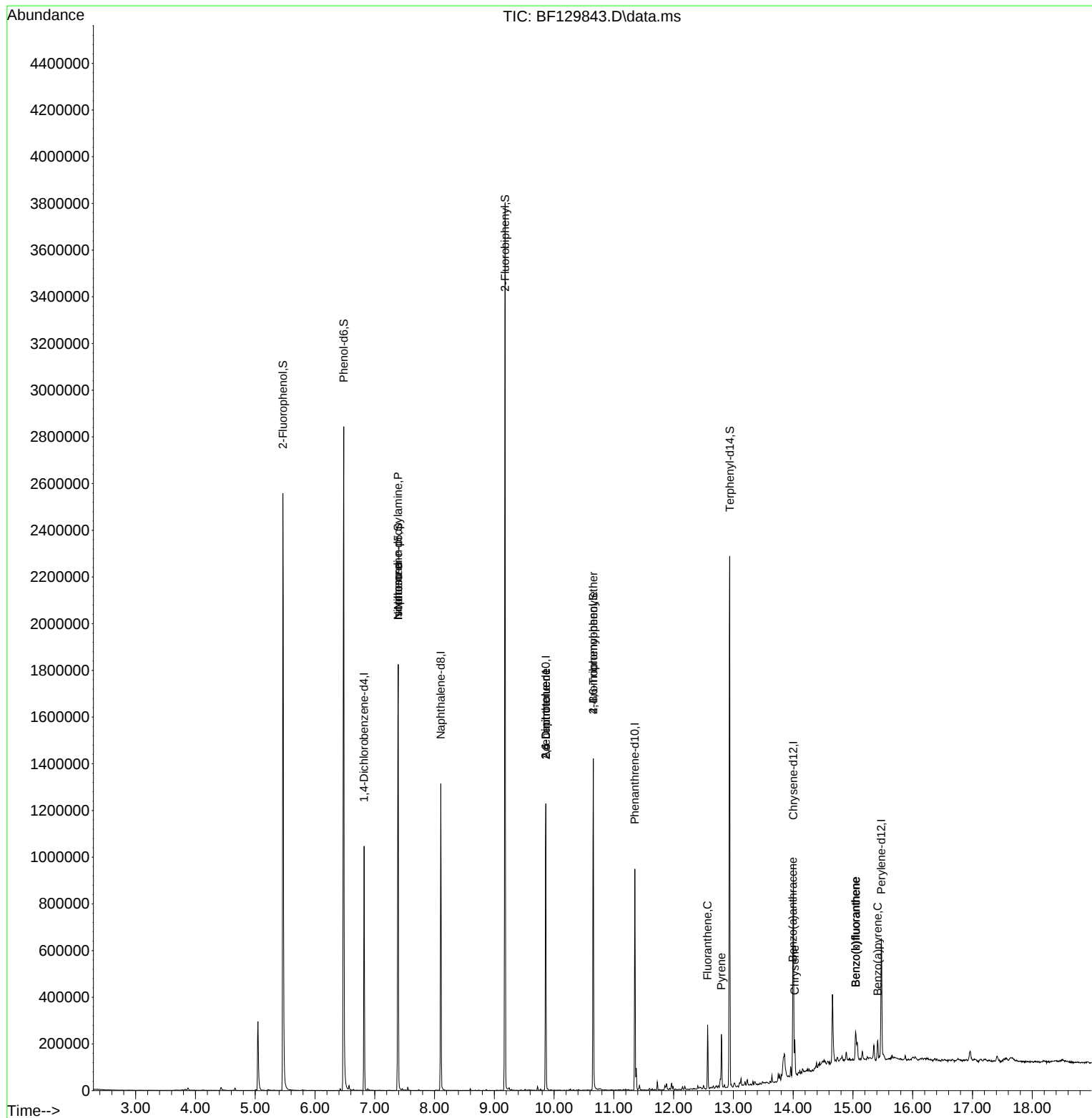
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	139583	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	536295	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	248664	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	309191	20.000	ng	0.00
76) Chrysene-d12	14.004	240	269688	20.000	ng	0.00
86) Perylene-d12	15.474	264	228742	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	742665	88.093	ng	0.00
7) Phenol-d6	6.481	99	922056	87.338	ng	0.00
23) Nitrobenzene-d5	7.392	82	580761	57.970	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	156350	62.647	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1049144	64.080	ng	0.00
79) Terphenyl-d14	12.939	244	750506	46.305	ng	0.00
Target Compounds						
9) Benzaldehyde	6.481	77	1502	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	7.392	70	78018	11.691	ng	# 75
25) Isophorone	7.392	82	580757	33.681	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	31468	8.138	ng	# 23
57) 2,4-Dinitrotoluene	9.863	165	31468	6.269	ng	# 18
67) 4-Bromophenyl-phenylether	10.657	248	9975	2.754	ng	# 1
75) Fluoranthene	12.569	202	97598	5.523	ng	98
77) Benzidine	12.939	184	10586	Below Cal	Qvalue	# 90
78) Pyrene	12.798	202	92011	3.926	ng	99
81) Benzo(a)anthracene	13.992	228	50592	2.727	ng	96
83) Chrysene	14.027	228	49638	2.858	ng	96
88) Benzo(b)fluoranthene	15.045	252	90415	5.772	ng	# 97
89) Benzo(k)fluoranthene	15.045	252	90415	6.019	ng	# 96
90) Benzo(a)pyrene	15.415	252	39020	3.163	ng	93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
Data File : BF129843.D
Acq On : 17 Aug 2022 13:58
Operator : CG\JU
Sample : N4189-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB17

Quant Time: Aug 17 16:47:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 15 02:28:31 2022
Response via : Initial Calibration

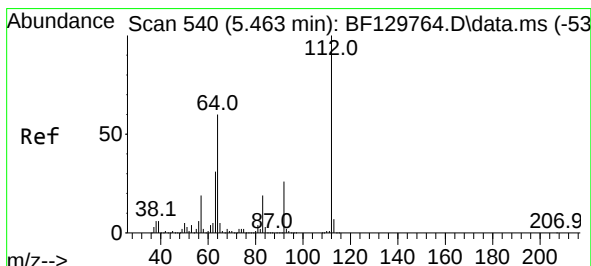
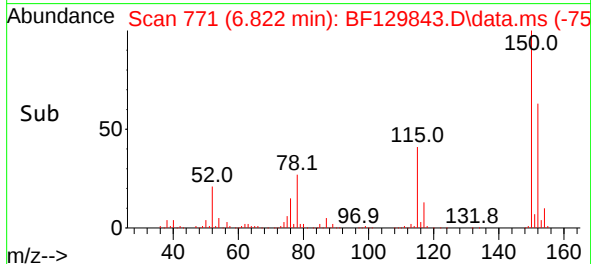
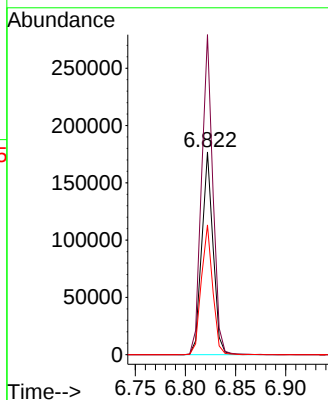
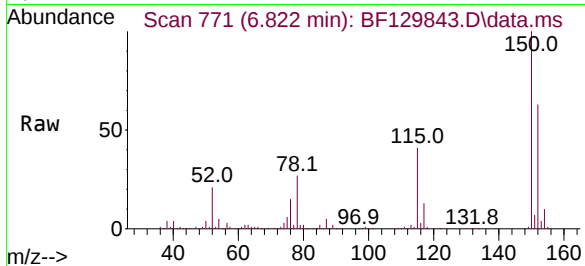




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

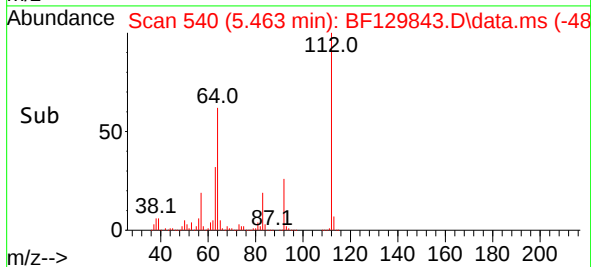
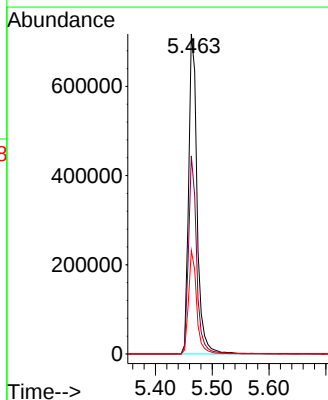
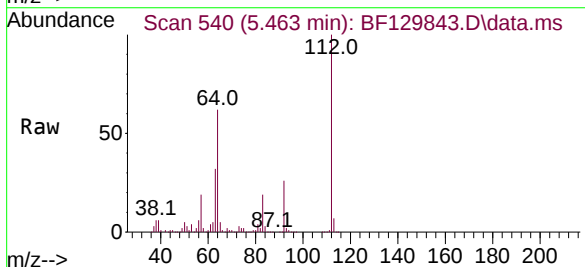
Instrument :
BNA_F
ClientSampleId :
SB17

Tgt Ion:152 Resp: 139583
Ion Ratio Lower Upper
152 100
150 157.9 126.9 190.3
115 64.0 53.4 80.0



#5
2-Fluorophenol
Concen: 88.093 ng
RT: 5.463 min Scan# 540
Delta R.T. -0.000 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

Tgt Ion:112 Resp: 742665
Ion Ratio Lower Upper
112 100
64 61.9 47.6 71.4
63 32.4 24.6 37.0

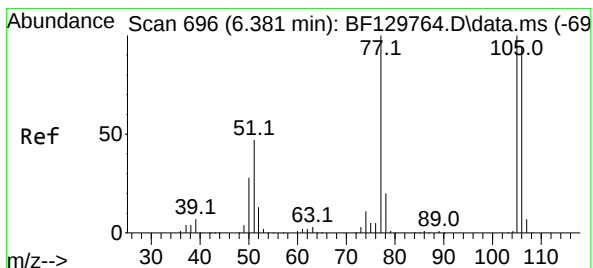
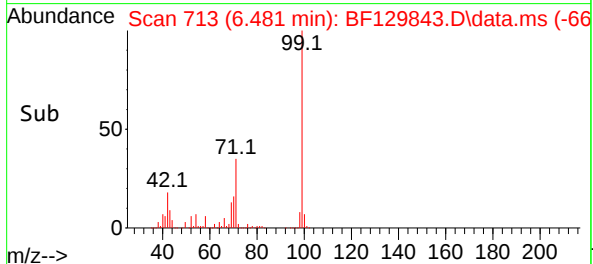
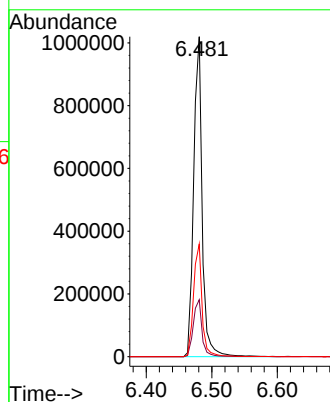
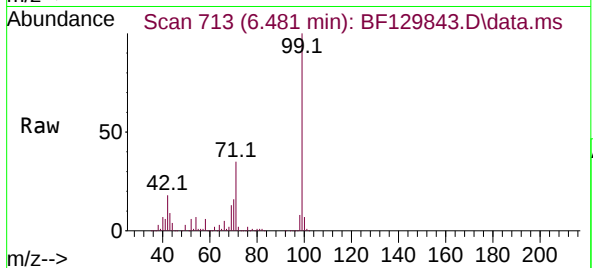




#7
Phenol-d6
Concen: 87.338 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

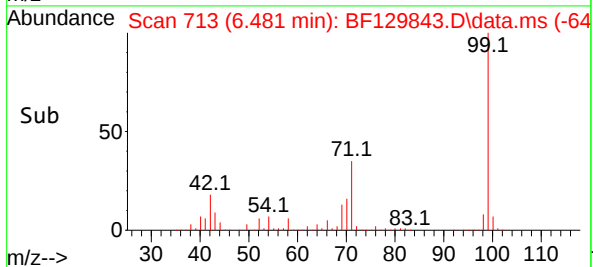
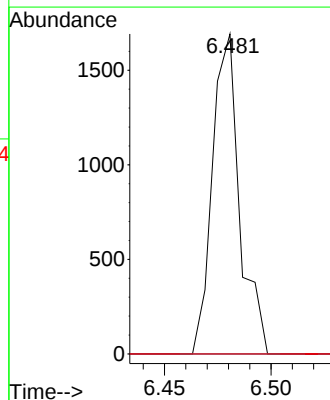
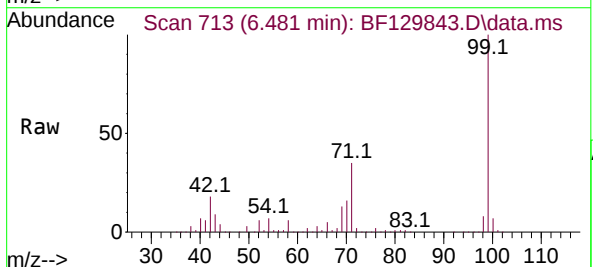
Instrument :
BNA_F
ClientSampleId :
SB17

Tgt Ion: 99 Resp: 922056
Ion Ratio Lower Upper
99 100
42 17.8 15.0 22.4
71 35.2 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.100 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

Tgt Ion: 77 Resp: 1502
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

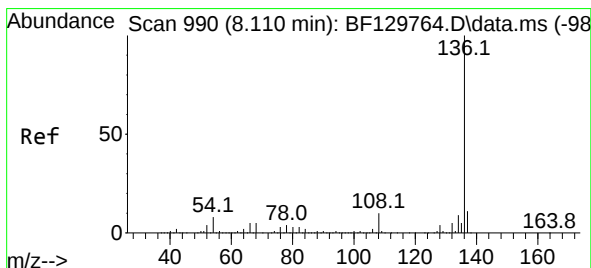
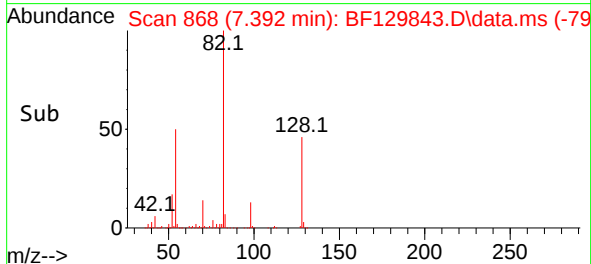
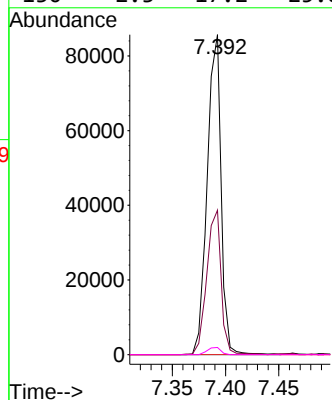
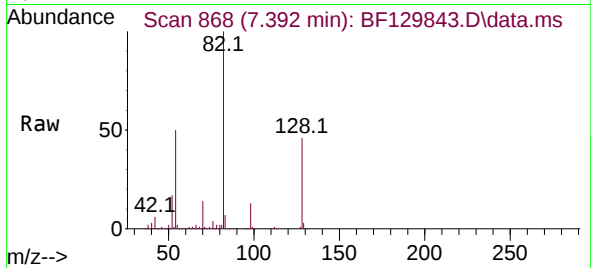




#19
n-Nitroso-di-n-propylamine
Concen: 11.691 ng
RT: 7.392 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

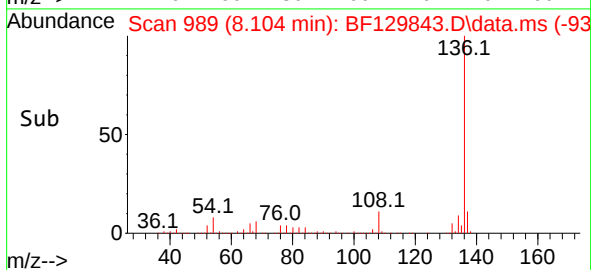
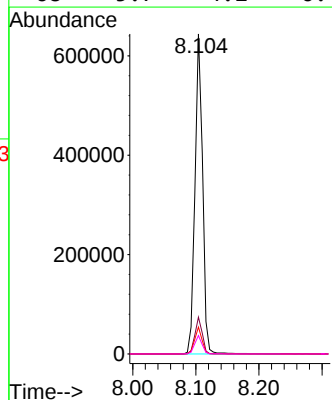
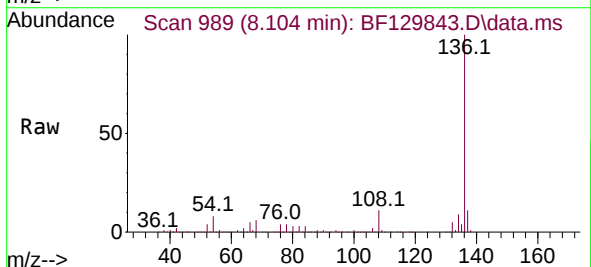
Instrument :
BNA_F
ClientSampleId :
SB17

Tgt Ion: 70 Resp: 78018
Ion Ratio Lower Upper
70 100
42 45.2 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

Tgt Ion: 136 Resp: 536295
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 8.4 6.2 9.2
68 5.7 4.2 6.4

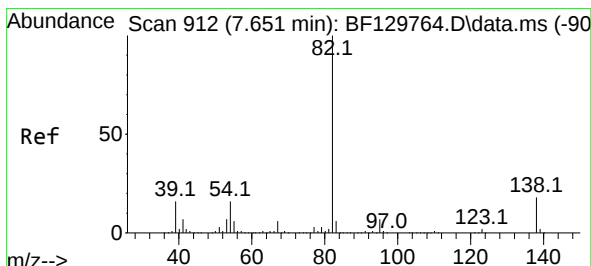
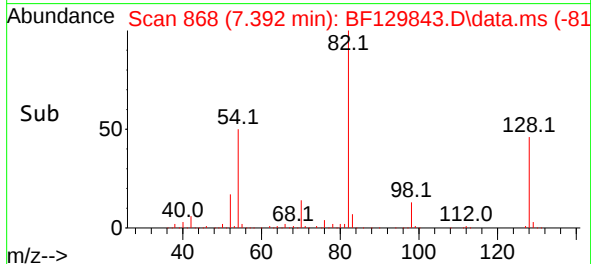
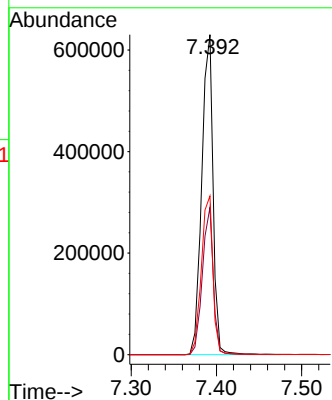
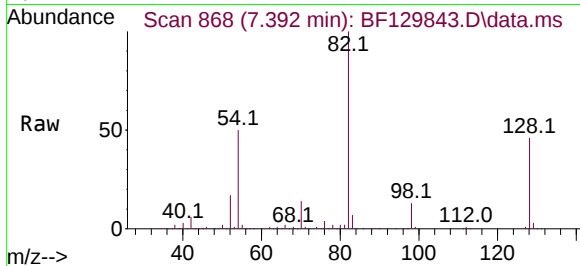




#23
Nitrobenzene-d5
Concen: 57.970 ng
RT: 7.392 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

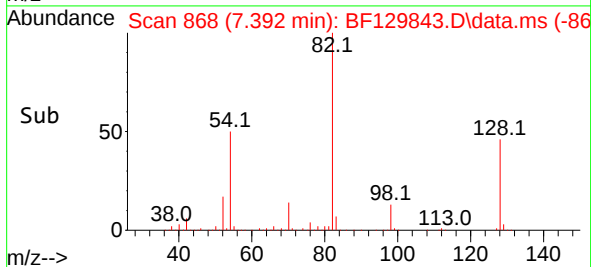
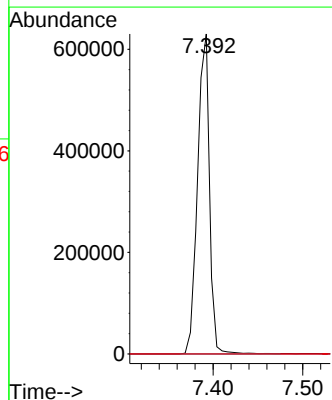
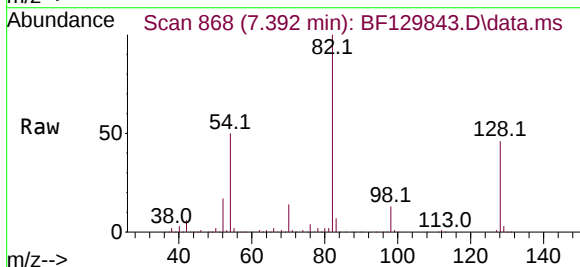
Instrument :
BNA_F
ClientSampleId :
SB17

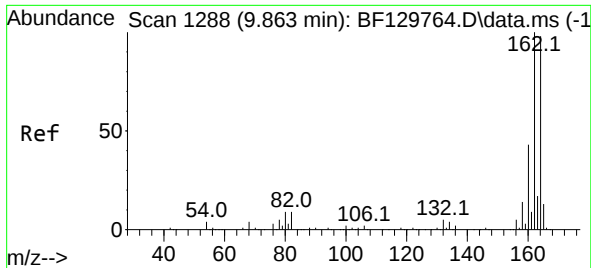
Tgt Ion: 82 Resp: 580761
Ion Ratio Lower Upper
82 100
128 46.0 36.1 54.1
54 49.6 40.0 60.0



#25
Isophorone
Concen: 33.681 ng
RT: 7.392 min Scan# 868
Delta R.T. -0.259 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

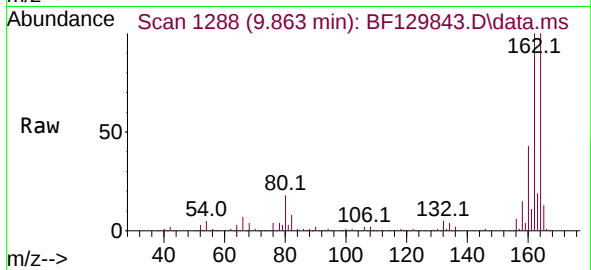
Tgt Ion: 82 Resp: 580757
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



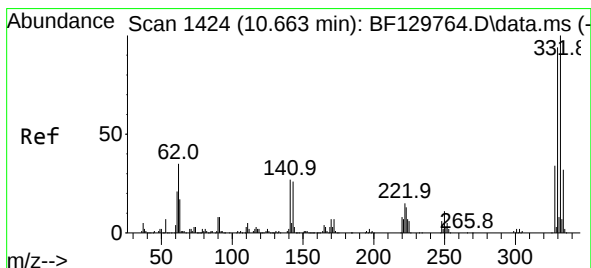
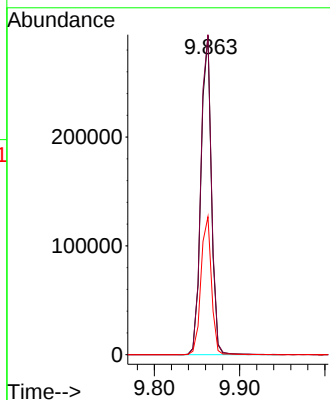
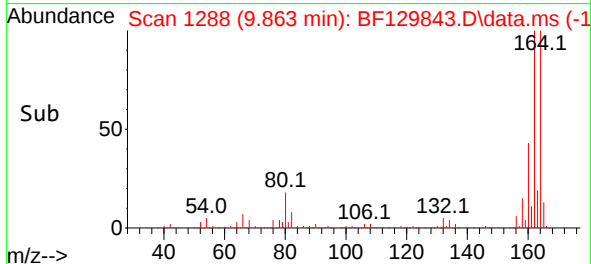


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

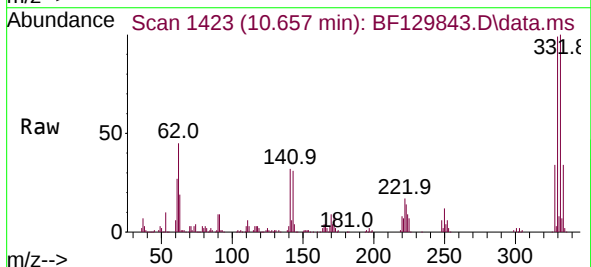
Instrument :
BNA_F
ClientSampleId :
SB17



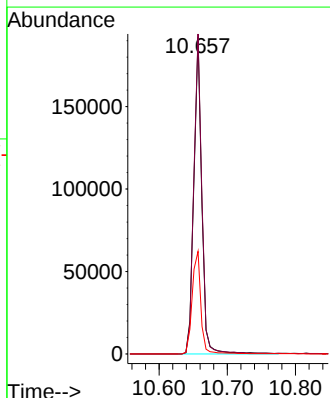
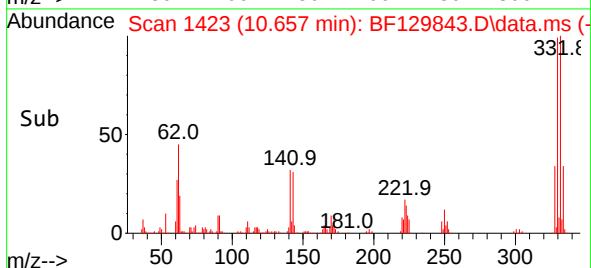
Tgt Ion:164 Resp: 248664
Ion Ratio Lower Upper
164 100
162 100.3 82.0 123.0
160 43.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 62.647 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58



Tgt Ion:330 Resp: 156350
Ion Ratio Lower Upper
330 100
332 101.2 82.6 124.0
141 35.2 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 64.080 ng

RT: 9.181 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF129843.D

Acq: 17 Aug 2022 13:58

Instrument :

BNA_F

ClientSampleId :

SB17

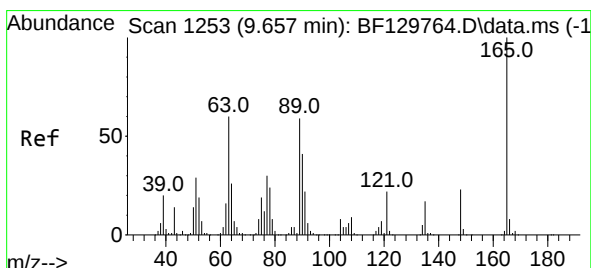
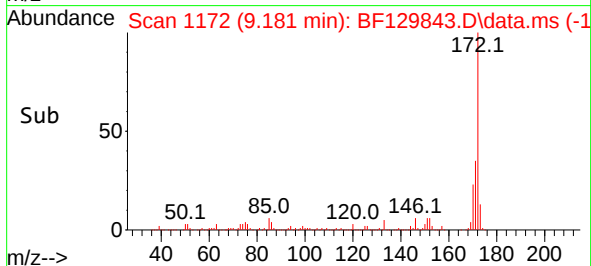
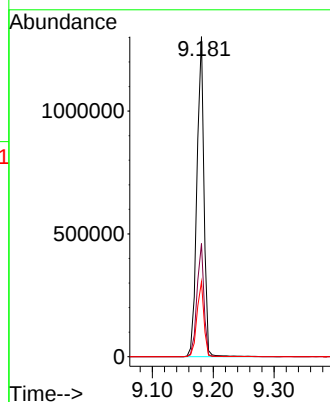
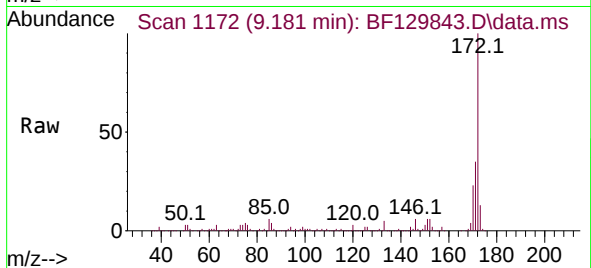
Tgt Ion:172 Resp: 1049144

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.4 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 8.138 ng

RT: 9.863 min Scan# 1288

Delta R.T. 0.206 min

Lab File: BF129843.D

Acq: 17 Aug 2022 13:58

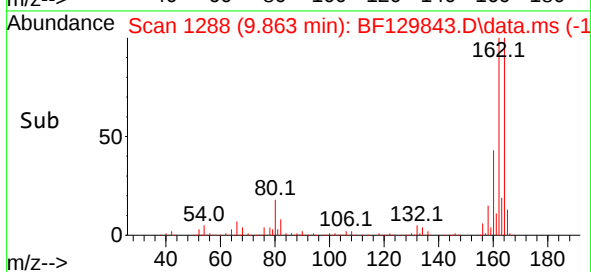
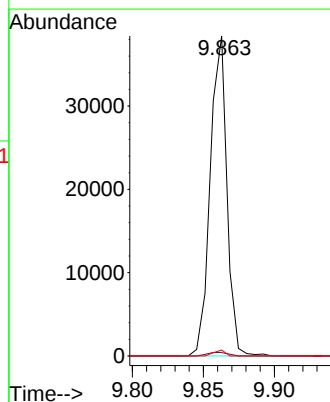
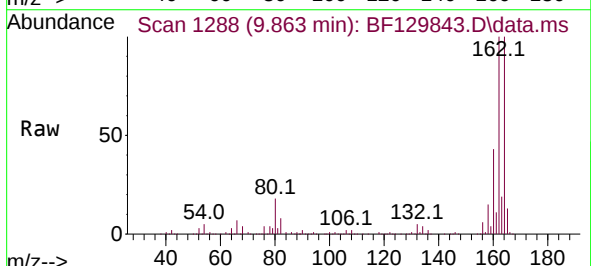
Tgt Ion:165 Resp: 31468

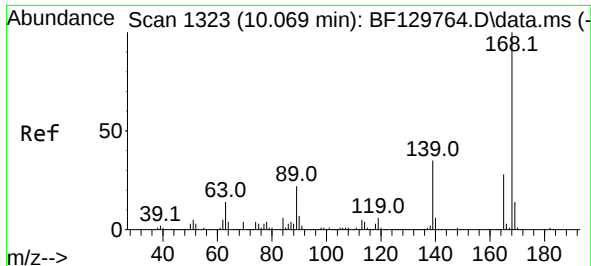
Ion Ratio Lower Upper

165 100

63 1.0 47.8 71.8#

89 1.8 47.2 70.8#

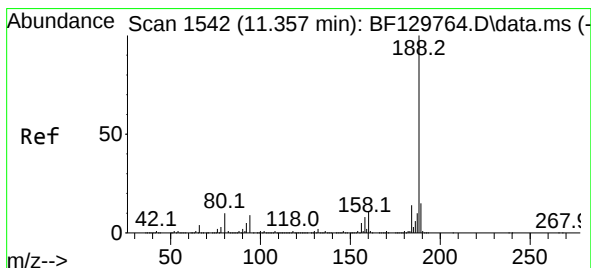
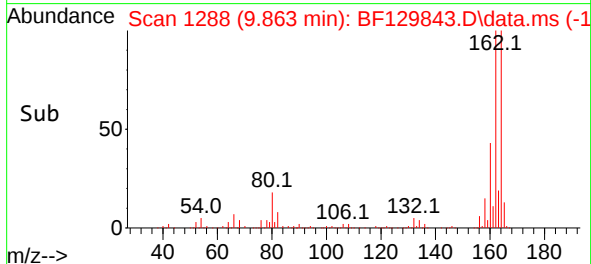
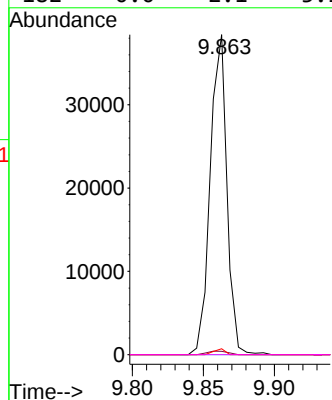
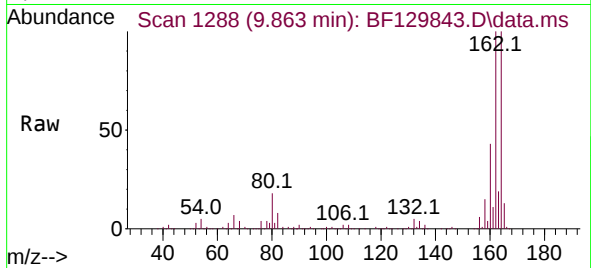




#57
2,4-Dinitrotoluene
Concen: 6.269 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

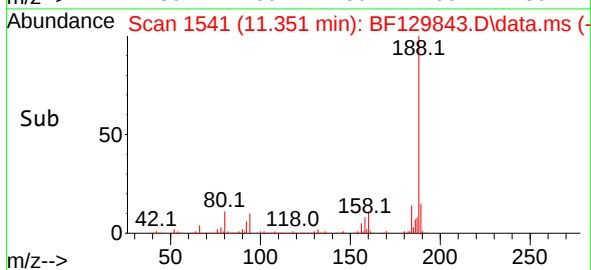
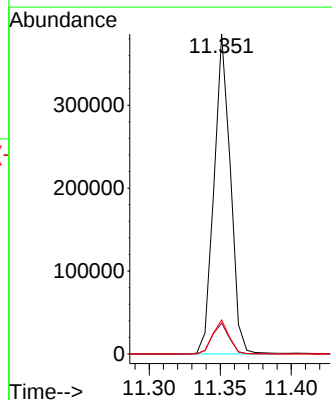
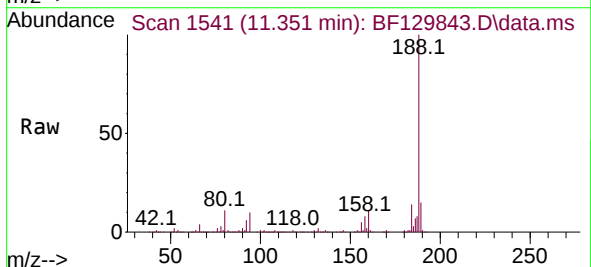
Instrument :
BNA_F
ClientSampleId :
SB17

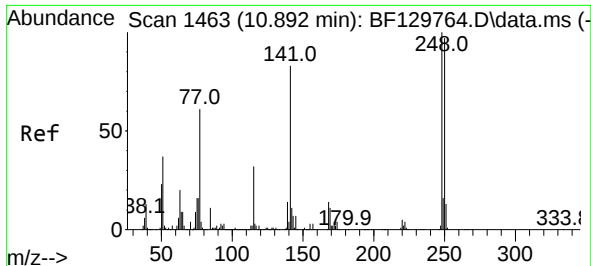
Tgt Ion:165 Resp: 31468
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.8 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

Tgt Ion:188 Resp: 309191
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.6 7.9 11.9

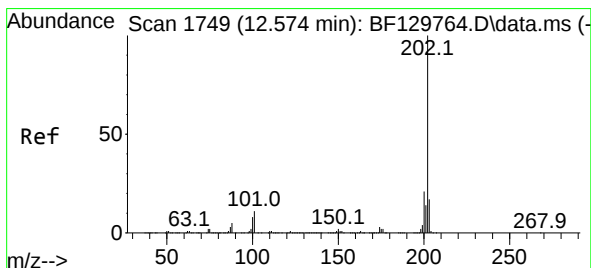
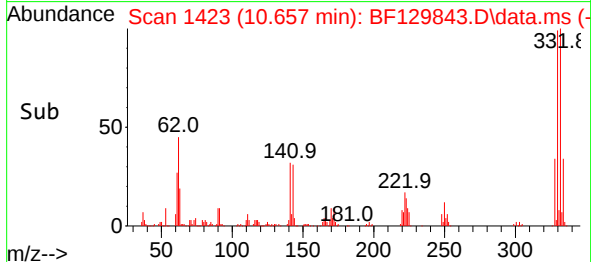
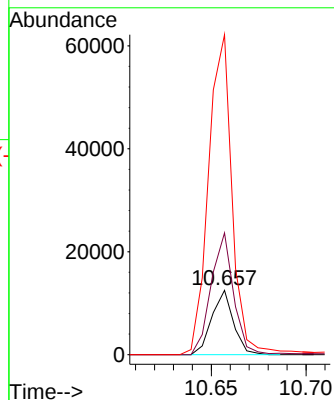
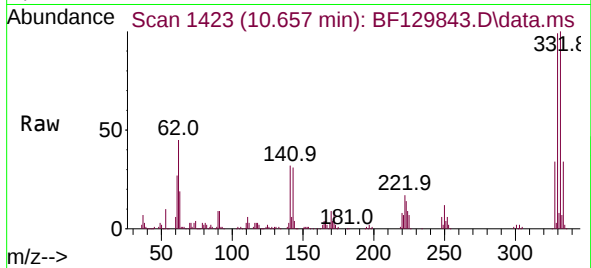




#67
4-Bromophenyl-phenylether
Concen: 2.754 ng
RT: 10.657 min Scan# 1463
Delta R.T. -0.235 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

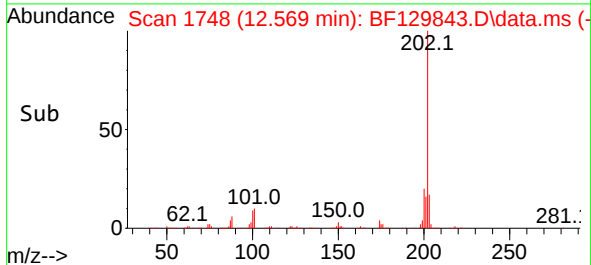
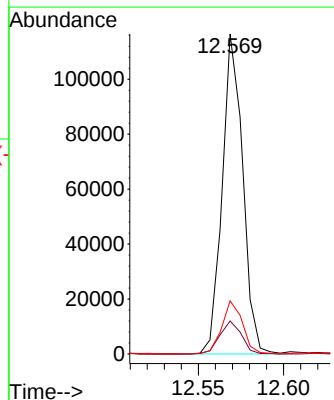
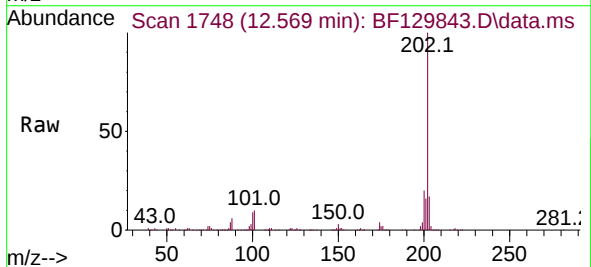
Instrument :
BNA_F
ClientSampleId :
SB17

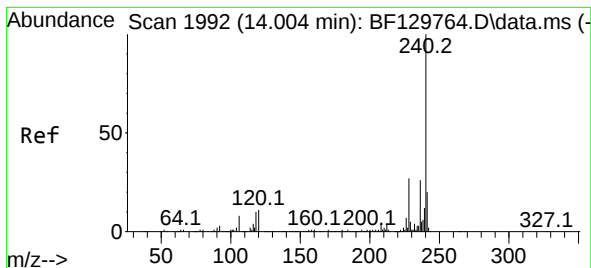
Tgt Ion:248 Resp: 9975
Ion Ratio Lower Upper
248 100
250 189.4 77.8 116.6#
141 497.3 66.2 99.2#



#75
Fluoranthene
Concen: 5.523 ng
RT: 12.569 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

Tgt Ion:202 Resp: 97598
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.7
203 16.6 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 1992

Delta R.T. -0.000 min

Lab File: BF129843.D

Acq: 17 Aug 2022 13:58

Instrument :

BNA_F

ClientSampleId :

SB17

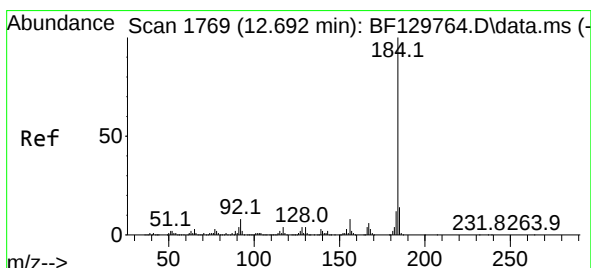
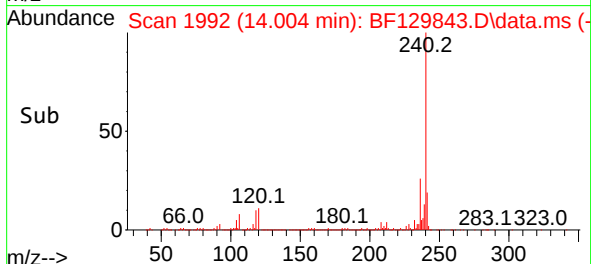
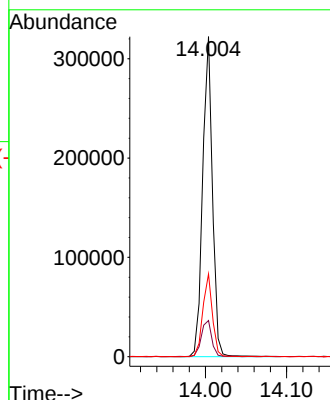
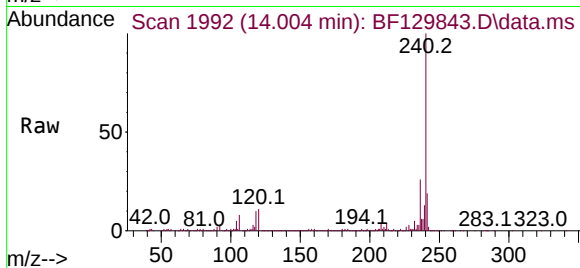
Tgt Ion:240 Resp: 269688

Ion Ratio Lower Upper

240 100

120 11.3 9.2 13.8

236 25.9 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.939 min Scan# 1811

Delta R.T. 0.247 min

Lab File: BF129843.D

Acq: 17 Aug 2022 13:58

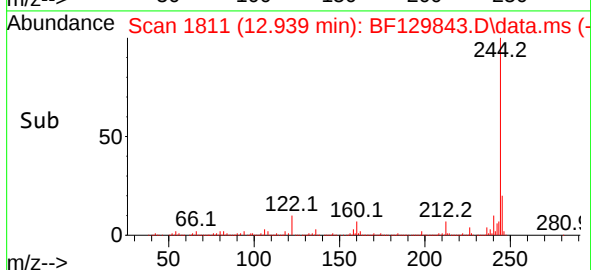
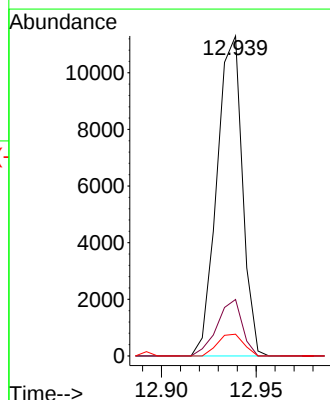
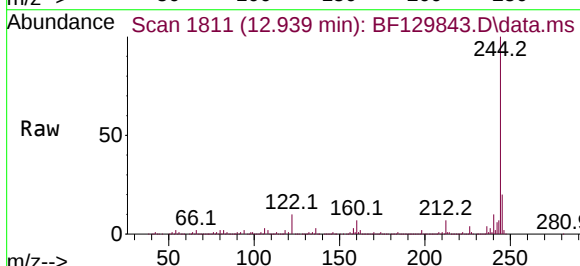
Tgt Ion:184 Resp: 10586

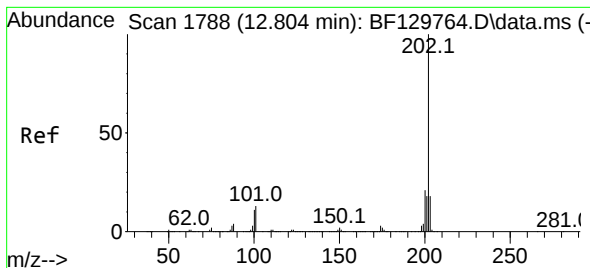
Ion Ratio Lower Upper

184 100

185 17.6 11.4 17.2#

183 6.8 9.4 14.2#





#78

Pyrene

Concen: 3.926 ng

RT: 12.798 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129843.D

Acq: 17 Aug 2022 13:58

Instrument :

BNA_F

ClientSampleId :

SB17

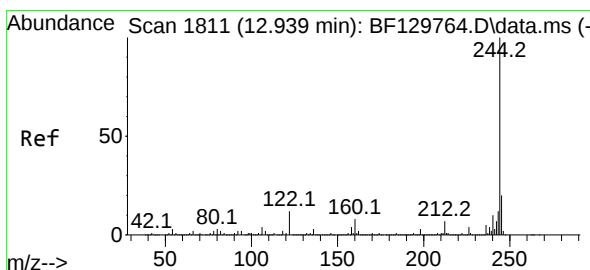
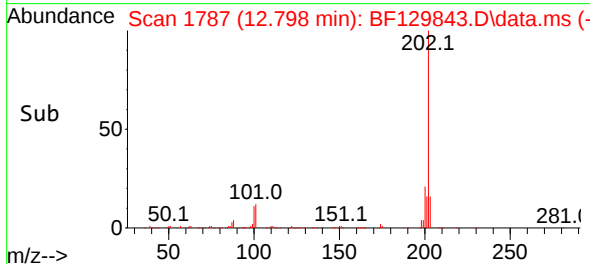
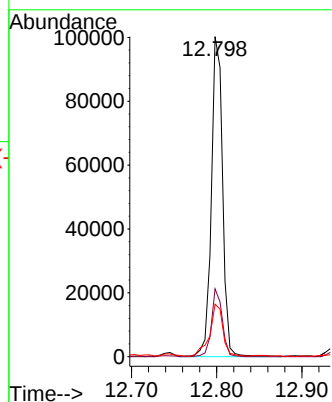
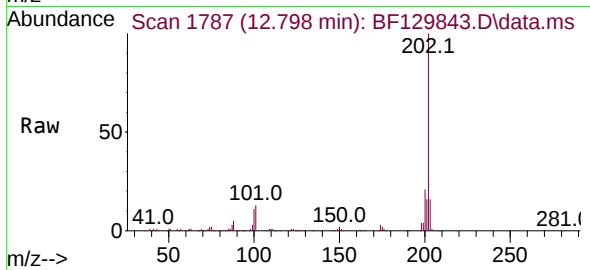
Tgt Ion:202 Resp: 92011

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

203 16.4 14.1 21.1



#79

Terphenyl-d14

Concen: 46.305 ng

RT: 12.939 min Scan# 1811

Delta R.T. -0.000 min

Lab File: BF129843.D

Acq: 17 Aug 2022 13:58

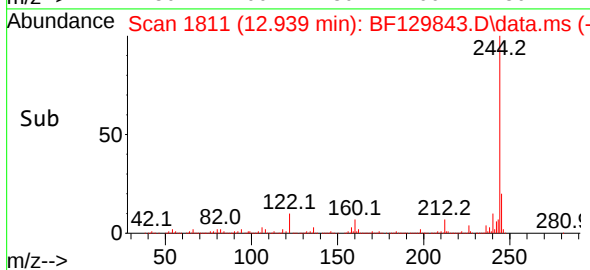
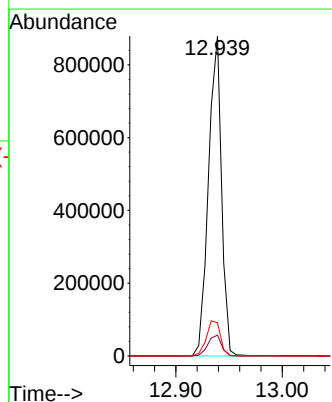
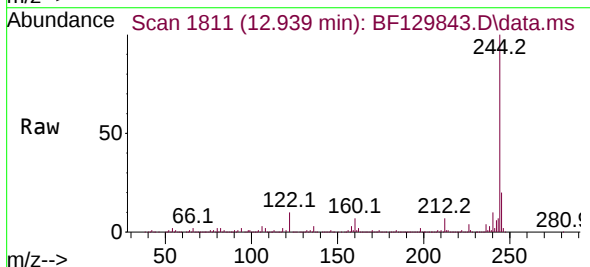
Tgt Ion:244 Resp: 750506

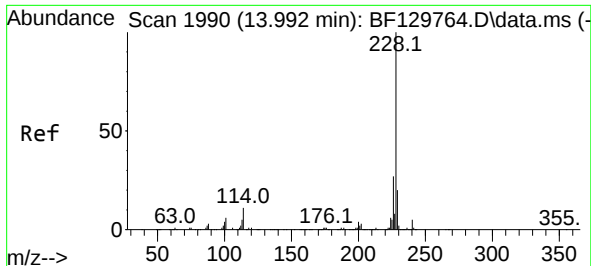
Ion Ratio Lower Upper

244 100

212 6.5 5.9 8.9

122 10.4 9.9 14.9

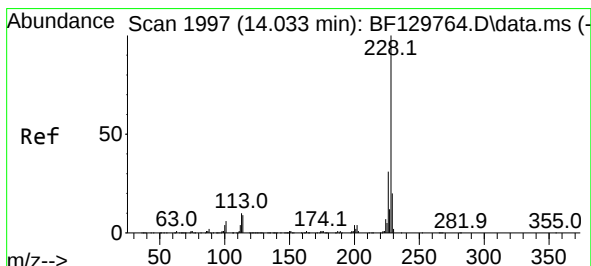
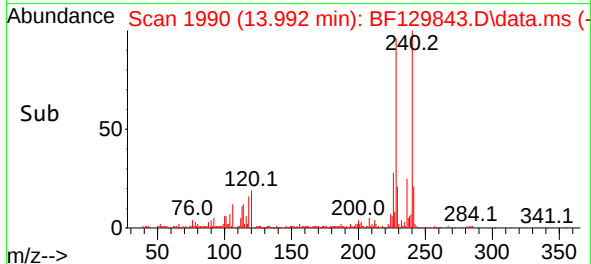
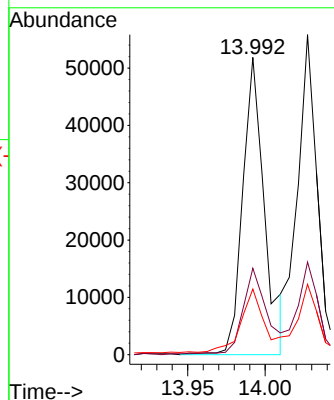
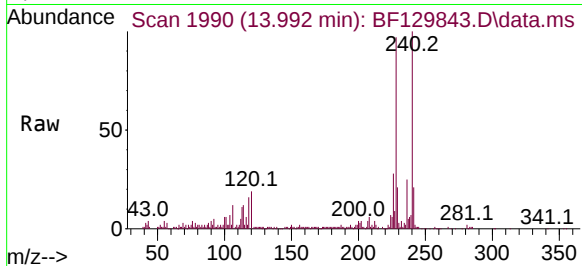




#81
Benzo(a)anthracene
Concen: 2.727 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

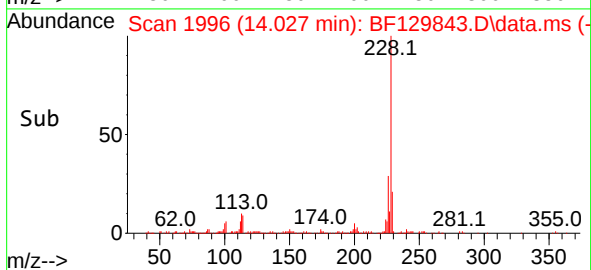
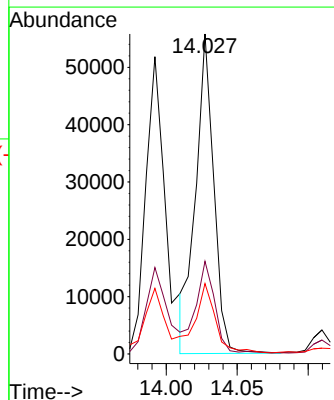
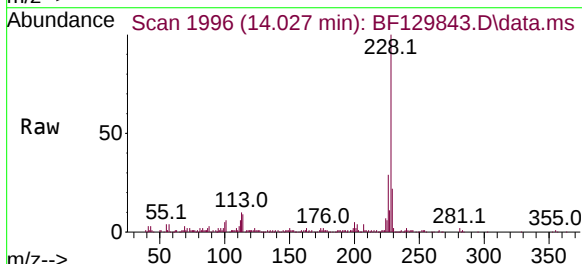
Instrument :
BNA_F
ClientSampleId :
SB17

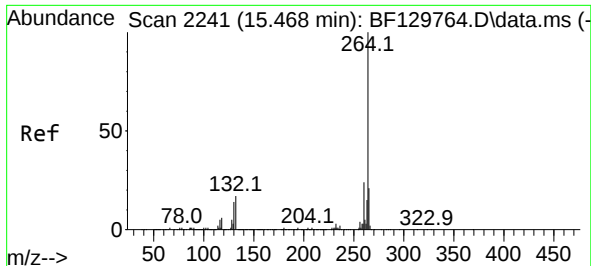
Tgt Ion:228 Resp: 50592
Ion Ratio Lower Upper
228 100
226 29.1 21.4 32.0
229 22.0 16.1 24.1



#83
Chrysene
Concen: 2.858 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

Tgt Ion:228 Resp: 49638
Ion Ratio Lower Upper
228 100
226 28.9 24.4 36.6
229 22.0 15.9 23.9

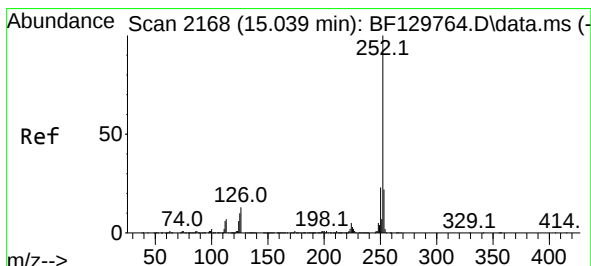
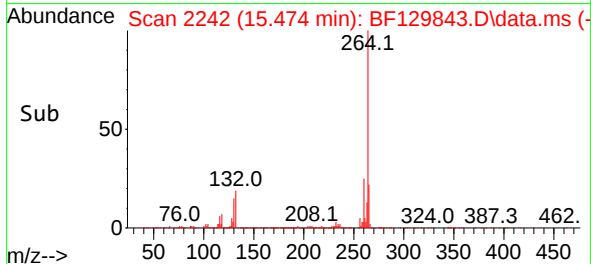
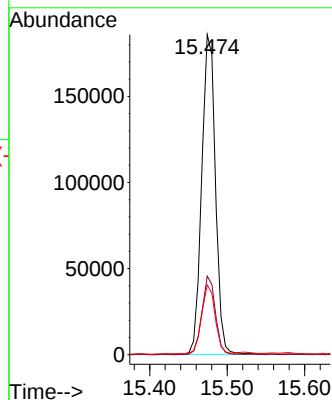
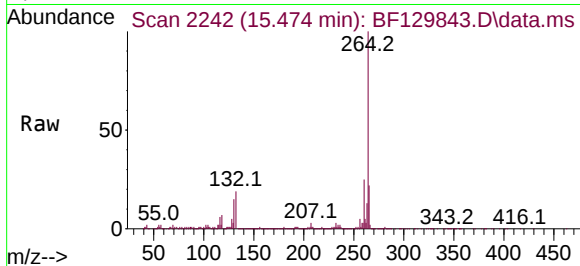




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

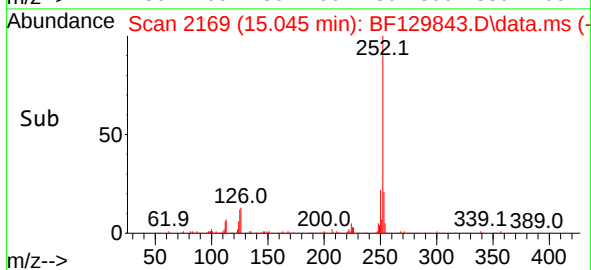
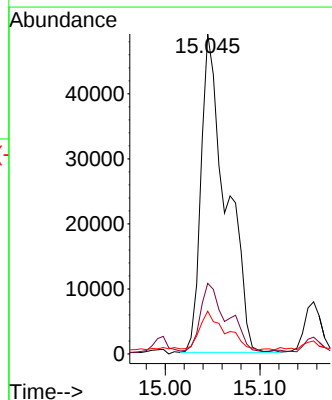
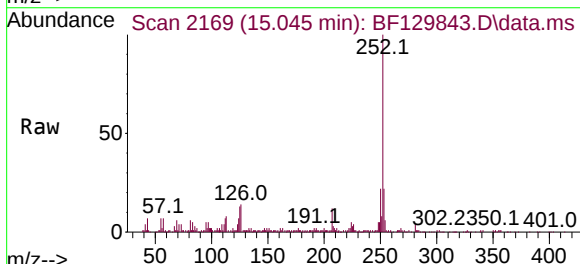
Instrument :
BNA_F
ClientSampleId :
SB17

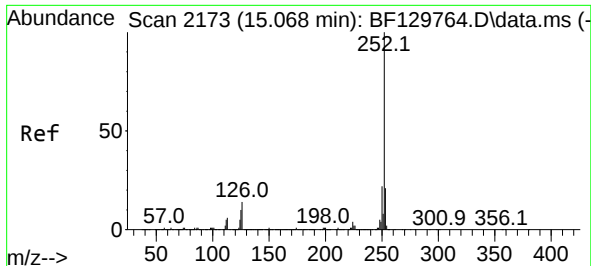
Tgt Ion:264 Resp: 228742
Ion Ratio Lower Upper
264 100
260 24.6 19.1 28.7
265 21.8 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 5.772 ng
RT: 15.045 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

Tgt Ion:252 Resp: 90415
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 13.4 8.3 12.5#

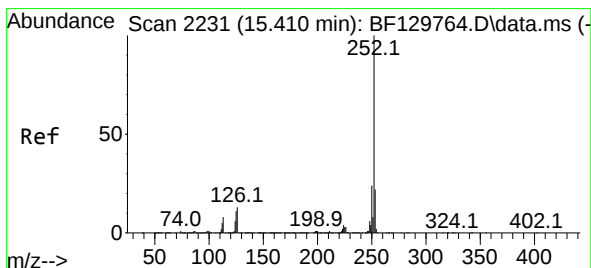
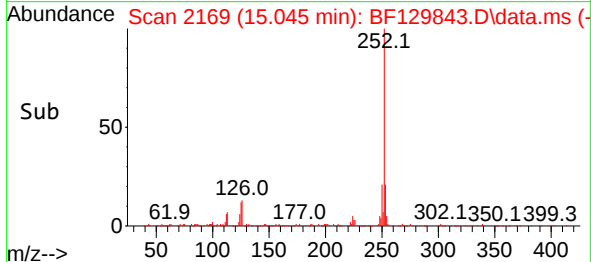
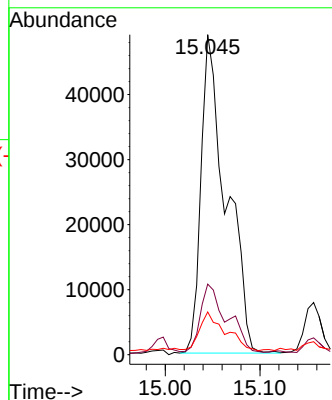
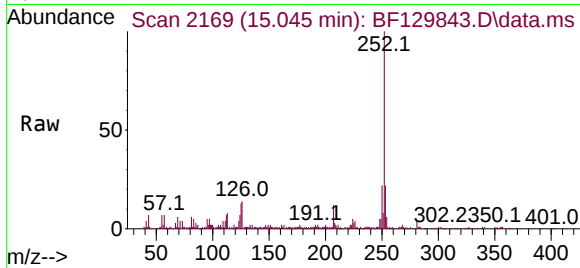




#89
Benzo(k)fluoranthene
Concen: 6.019 ng
RT: 15.045 min Scan# 2173
Delta R.T. -0.024 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

Instrument :
BNA_F
ClientSampleId :
SB17

Tgt Ion:252 Resp: 90415
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 13.4 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 3.163 ng
RT: 15.415 min Scan# 2232
Delta R.T. 0.006 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

Tgt Ion:252 Resp: 39020
Ion Ratio Lower Upper
252 100
253 25.2 17.2 25.8
125 13.2 8.8 13.2

