

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129559.D
 Acq On : 04 Aug 2022 01:27
 Operator : CG\JU
 Sample : N3927-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-85

Quant Time: Aug 04 02:22:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

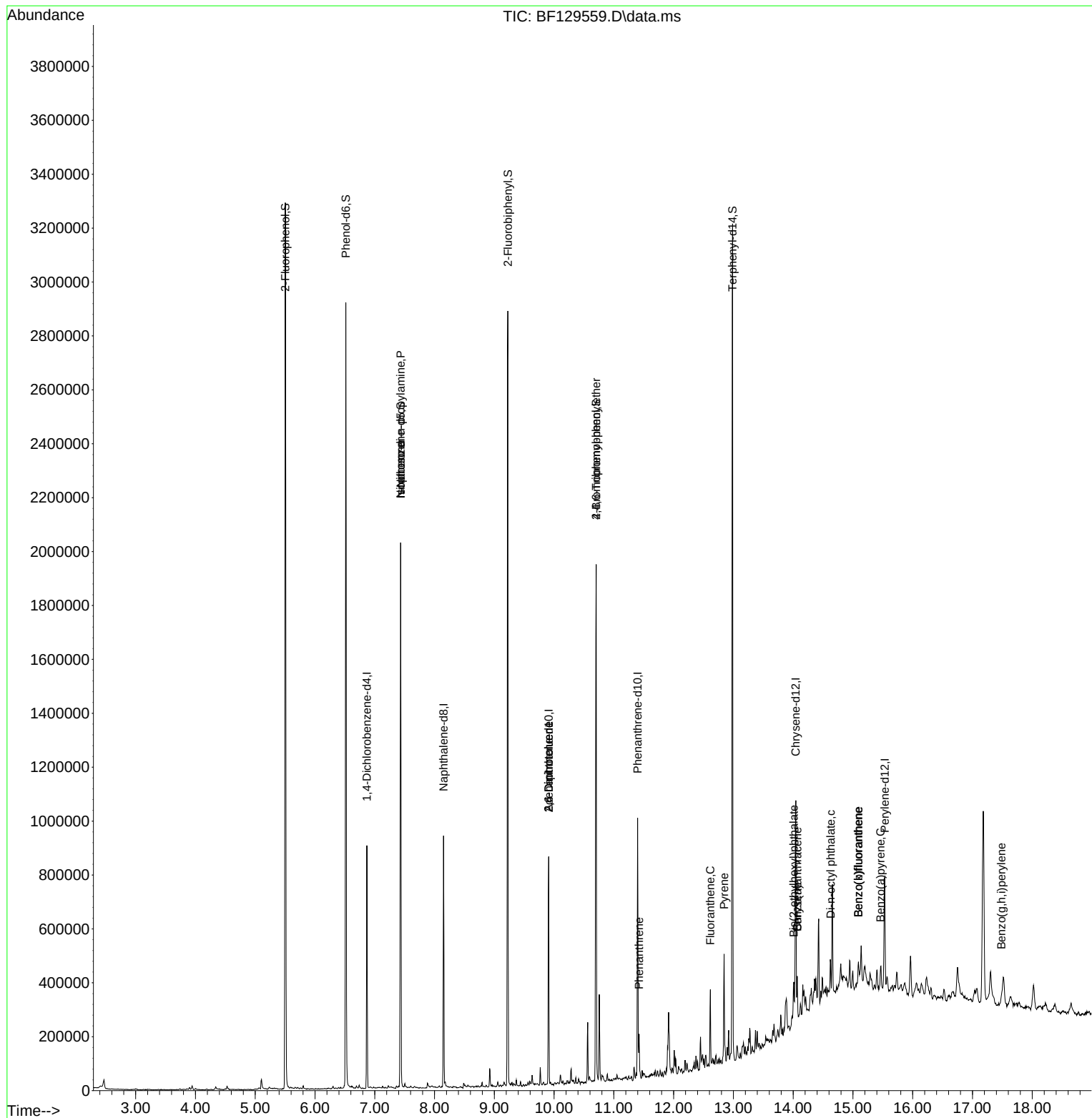
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	112017	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	364288	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	166374	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	312841	20.000	ng	0.00
76) Chrysene-d12	14.045	240	261110	20.000	ng	0.00
86) Perylene-d12	15.533	264	183590	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	845853	123.008	ng	0.00
7) Phenol-d6	6.516	99	957614	110.793	ng	0.00
23) Nitrobenzene-d5	7.434	82	582573	87.299	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	214955	134.384	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	869615	80.857	ng	0.00
79) Terphenyl-d14	12.986	244	1058995	76.515	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	77498	14.811	ng	# 73
25) Isophorone	7.434	82	581333	48.598	ng	# 65
51) 2,6-Dinitrotoluene	9.910	165	21858	8.503	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	21858	6.509	ng	# 22
67) 4-Bromophenyl-phenylether	10.704	248	13646	3.983	ng	# 1
71) Phenanthrene	11.422	178	49129	2.877	ng	97
75) Fluoranthene	12.616	202	96422	5.573	ng	99
78) Pyrene	12.845	202	142681	6.535	ng	98
81) Benzo(a)anthracene	14.068	228	59012	3.309	ng	94
83) Chrysene	14.068	228	59012	3.511	ng	97
84) Bis(2-ethylhexyl)phtha...	14.010	149	58593	4.699	ng	97
85) Di-n-octyl phthalate	14.627	149	63351	3.531	ng	# 78
88) Benzo(b)fluoranthene	15.092	252	63053	5.178	ng	# 88
89) Benzo(k)fluoranthene	15.092	252	63053	5.283	ng	# 89
90) Benzo(a)pyrene	15.462	252	36202	3.662	ng	# 89
92) Benzo(g,h,i)perylene	17.486	276	25997	2.528	ng	95

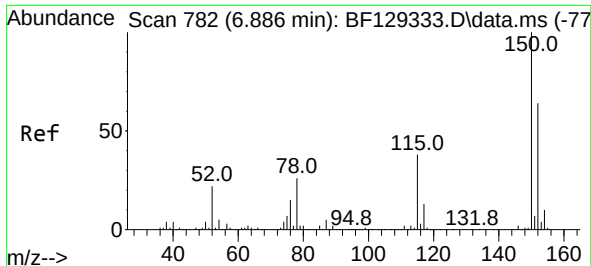
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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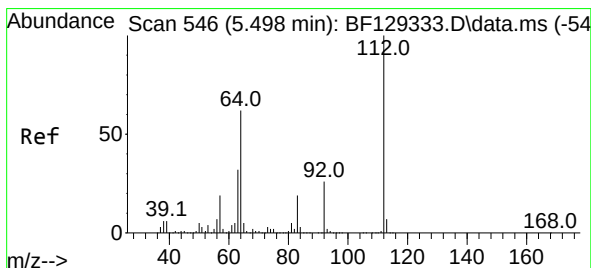
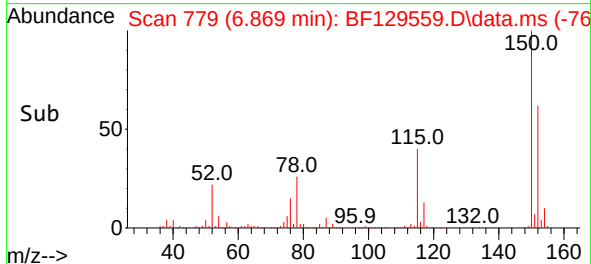
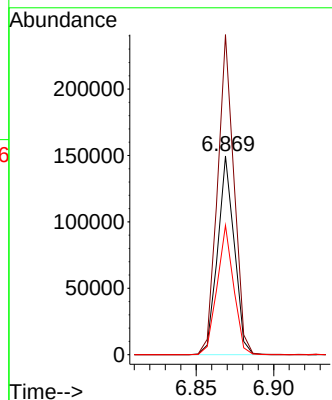
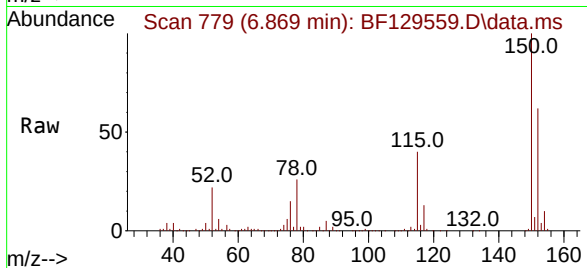




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129559.D
 Acq: 04 Aug 2022 01:27

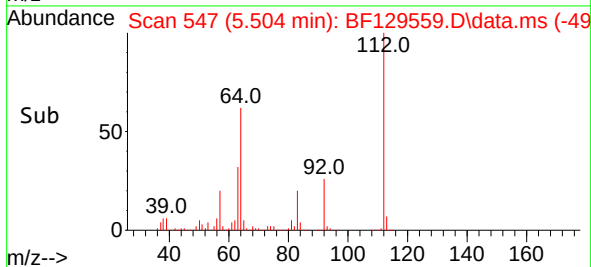
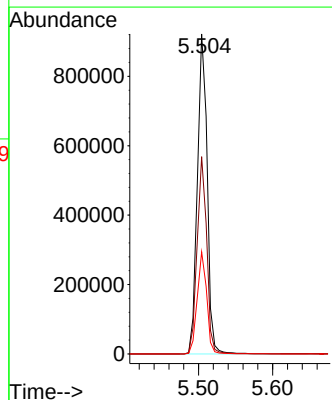
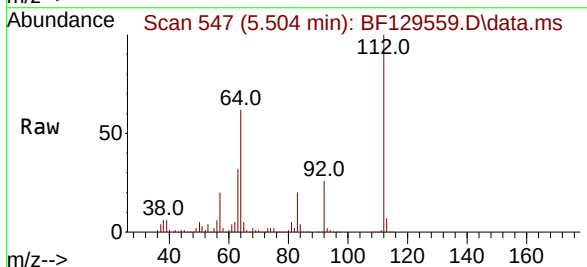
Instrument :
 BNA_F
 ClientSampleId :
 RVE-85

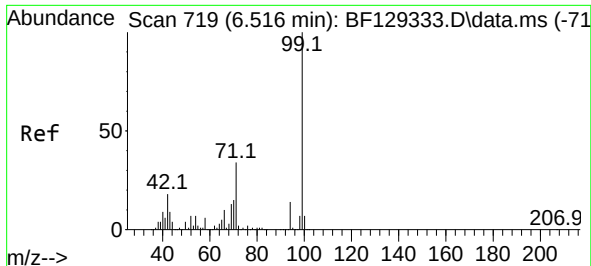
Tgt Ion:152 Resp: 112017
 Ion Ratio Lower Upper
 152 100
 150 161.0 123.7 185.5
 115 65.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 123.008 ng
 RT: 5.504 min Scan# 547
 Delta R.T. -0.000 min
 Lab File: BF129559.D
 Acq: 04 Aug 2022 01:27

Tgt Ion:112 Resp: 845853
 Ion Ratio Lower Upper
 112 100
 64 61.7 53.3 79.9
 63 31.9 28.0 42.0

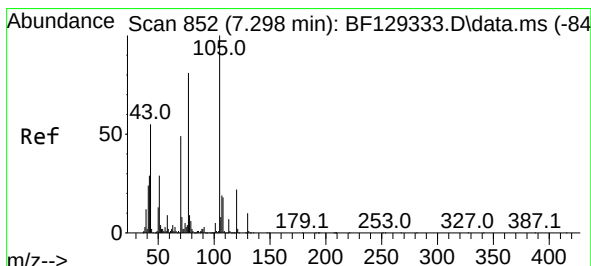
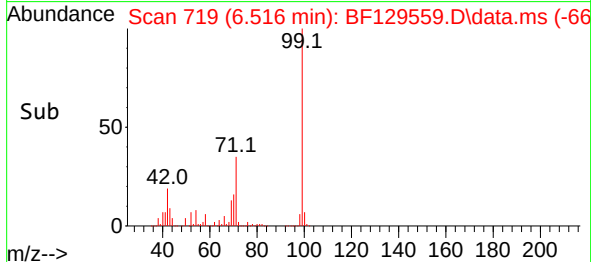
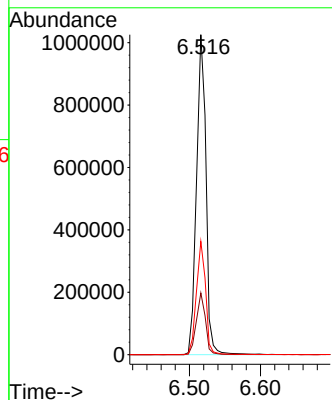
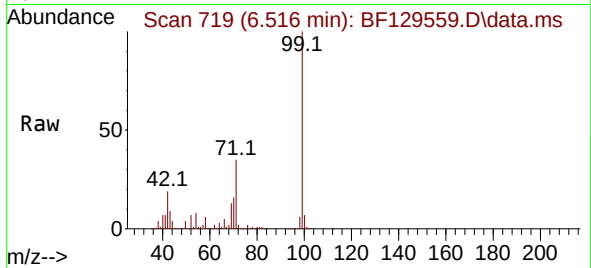




#7
Phenol-d6
Concen: 110.793 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

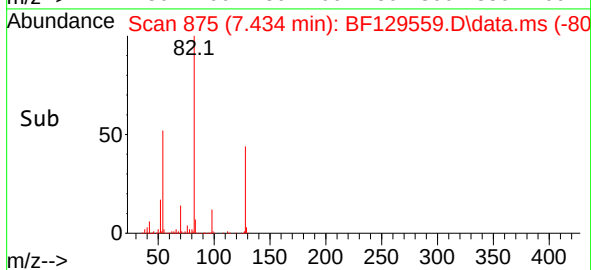
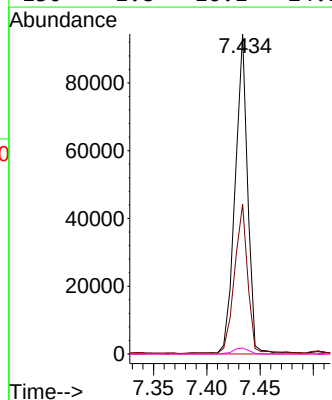
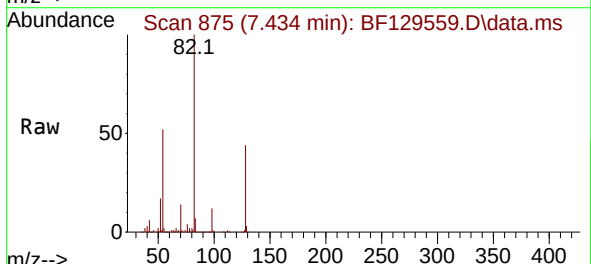
Instrument :
BNA_F
ClientSampleId :
RVE-85

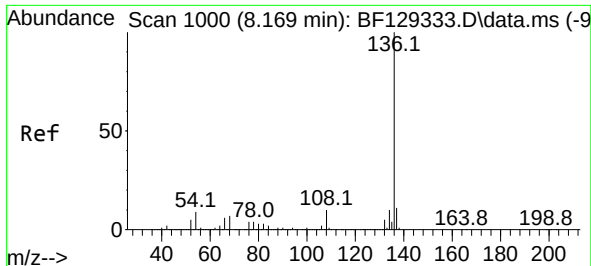
Tgt Ion: 99 Resp: 957614
Ion Ratio Lower Upper
99 100
42 19.3 17.3 25.9
71 35.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.811 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.141 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

Tgt Ion: 70 Resp: 77498
Ion Ratio Lower Upper
70 100
42 46.8 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#



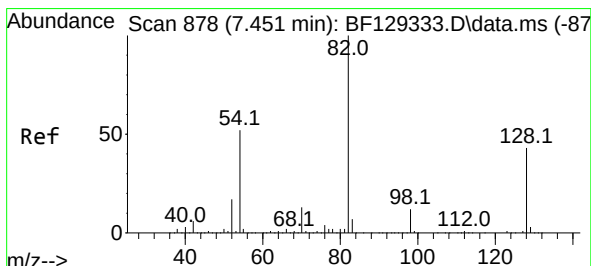
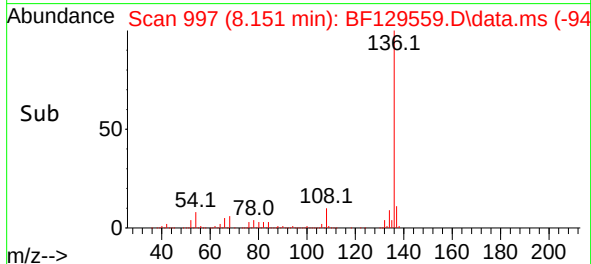
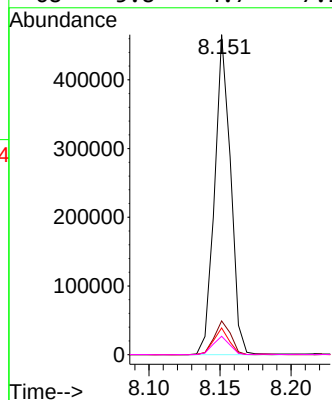
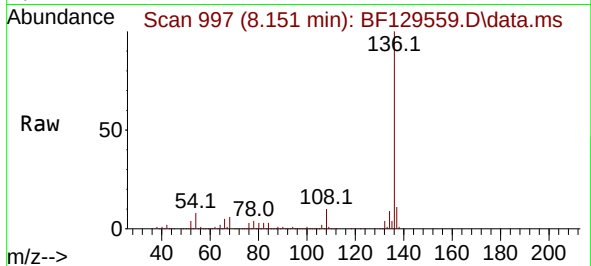


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

Instrument :
BNA_F
ClientSampleId :
RVE-85

Tgt Ion:136 Resp: 364288

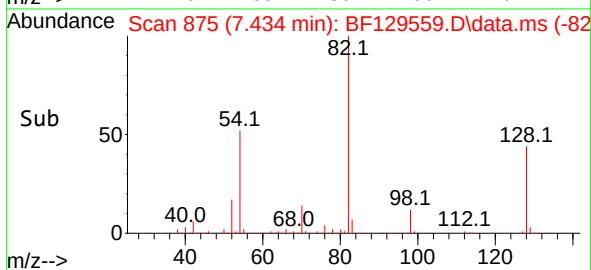
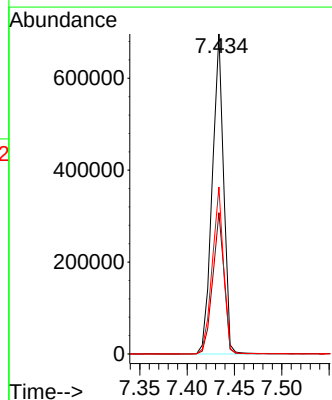
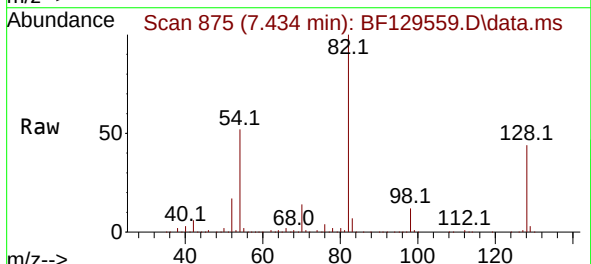
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.4	7.5	11.3
68	5.8	4.7	7.1

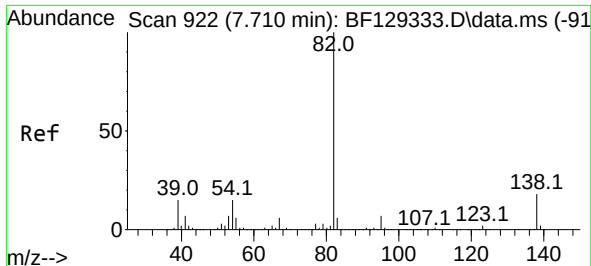


#23
Nitrobenzene-d5
Concen: 87.299 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

Tgt Ion: 82 Resp: 582573

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.0	51.0
54	52.1	46.9	70.3

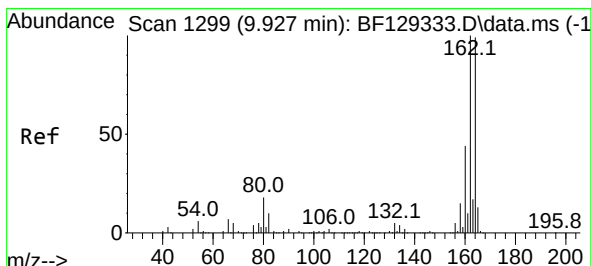
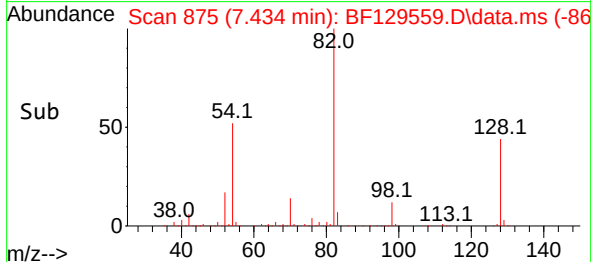
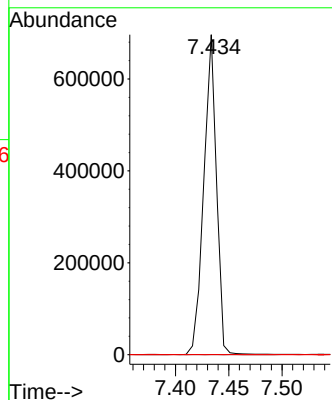
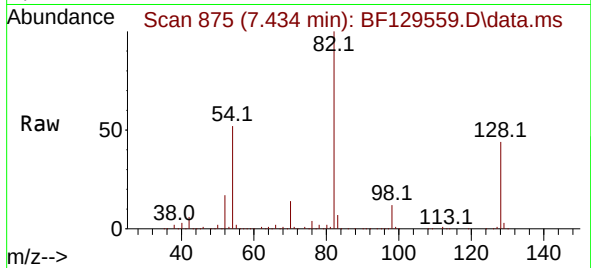




#25
Isophorone
Concen: 48.598 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

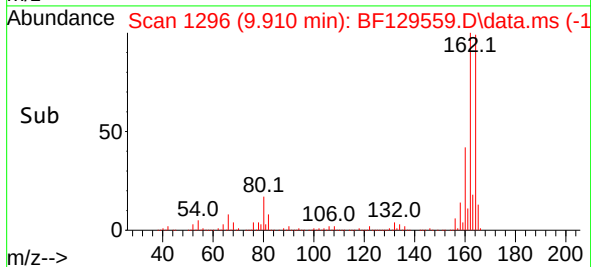
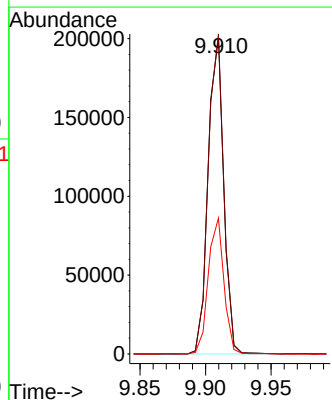
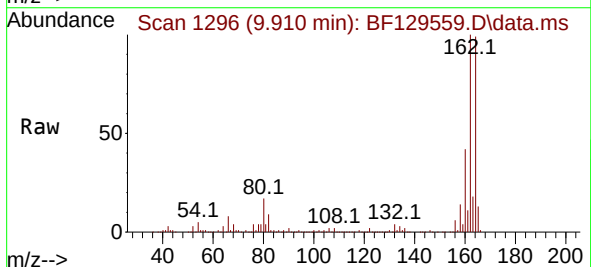
Instrument :
BNA_F
ClientSampleId :
RVE-85

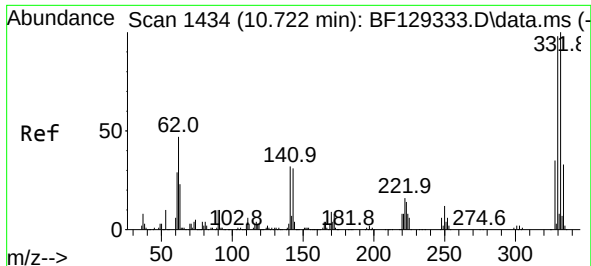
Tgt Ion: 82 Resp: 581333
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

Tgt Ion:164 Resp: 166374
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 42.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 134.384 ng

RT: 10.704 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129559.D

Acq: 04 Aug 2022 01:27

Instrument :

BNA_F

ClientSampleId :

RVE-85

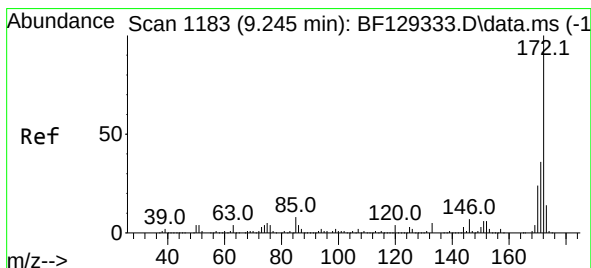
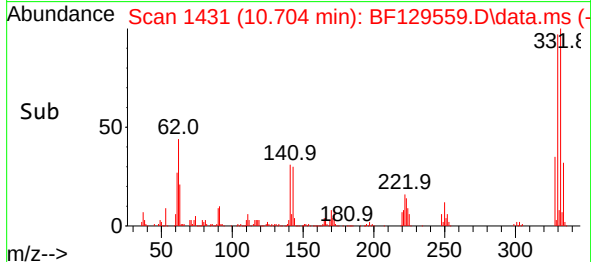
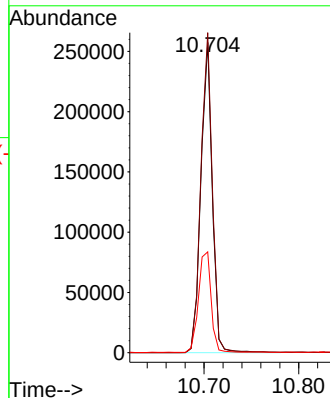
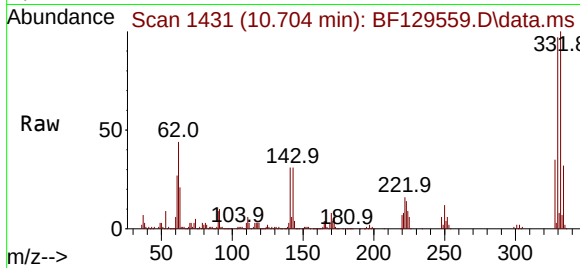
Tgt Ion:330 Resp: 214955

Ion Ratio Lower Upper

330 100

332 103.8 76.8 115.2

141 35.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 80.857 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF129559.D

Acq: 04 Aug 2022 01:27

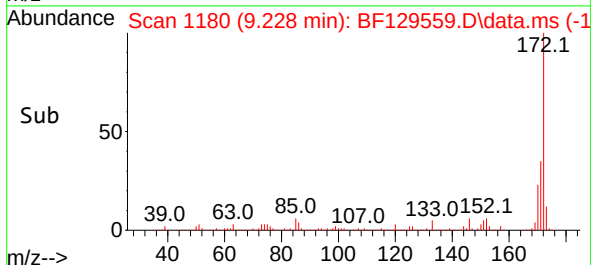
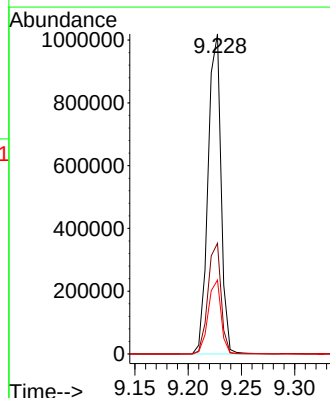
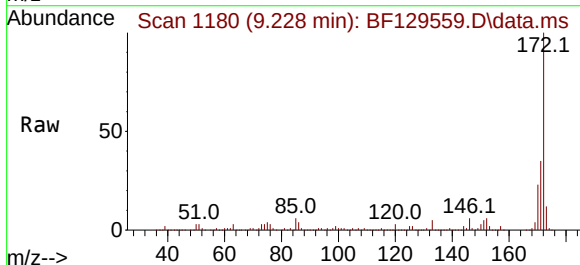
Tgt Ion:172 Resp: 869615

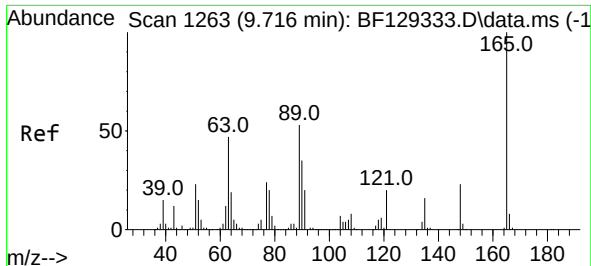
Ion Ratio Lower Upper

172 100

171 34.6 28.8 43.2

170 23.1 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.503 ng

RT: 9.910 min Scan# 1296

Delta R.T. 0.206 min

Lab File: BF129559.D

Acq: 04 Aug 2022 01:27

Instrument :

BNA_F

ClientSampleId :

RVE-85

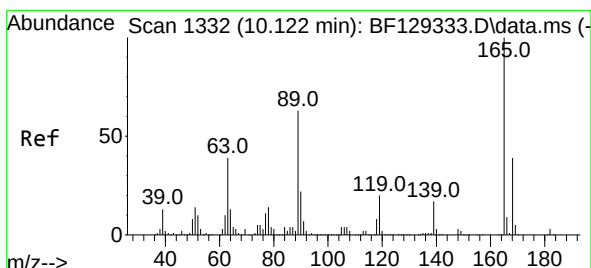
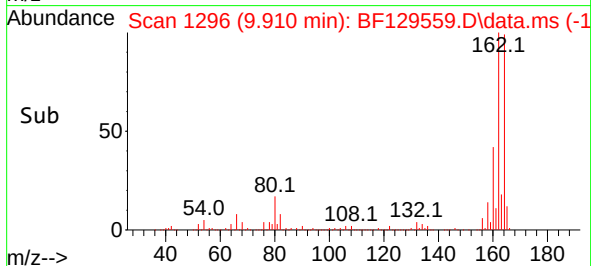
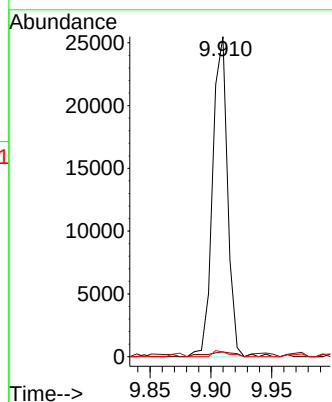
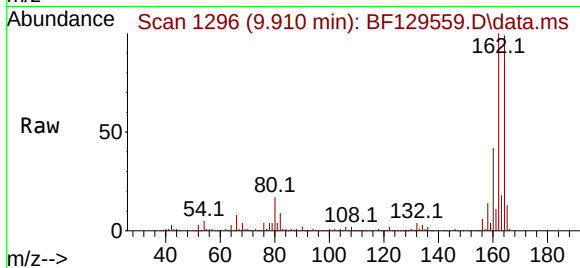
Tgt Ion:165 Resp: 21858

Ion Ratio Lower Upper

165 100

63 1.5 44.9 67.3#

89 1.4 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.509 ng

RT: 9.910 min Scan# 1296

Delta R.T. -0.200 min

Lab File: BF129559.D

Acq: 04 Aug 2022 01:27

Tgt Ion:165 Resp: 21858

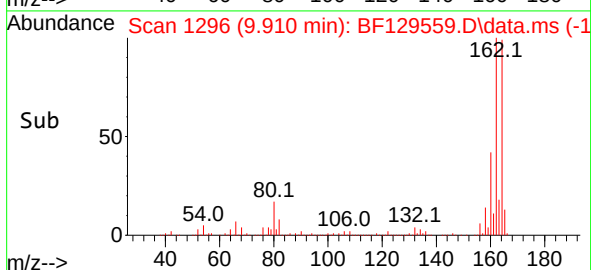
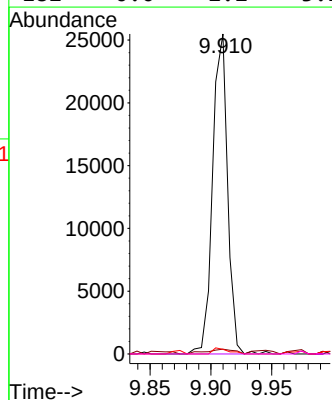
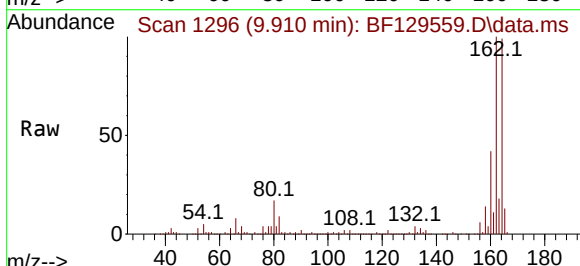
Ion Ratio Lower Upper

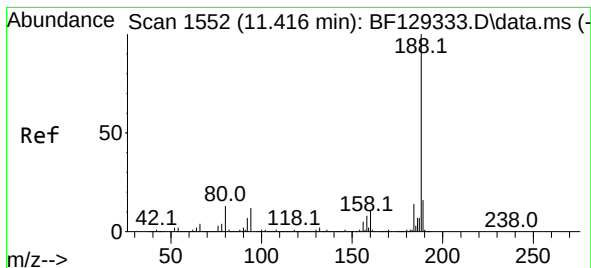
165 100

63 1.5 39.8 59.6#

89 1.4 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129559.D

Acq: 04 Aug 2022 01:27

Instrument :

BNA_F

ClientSampleId :

RVE-85

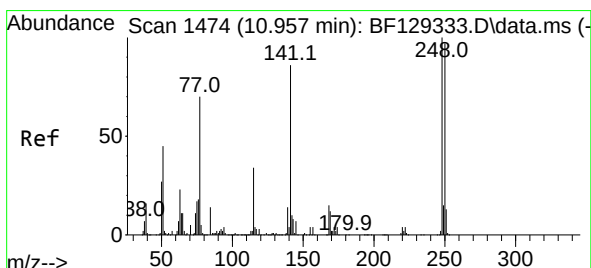
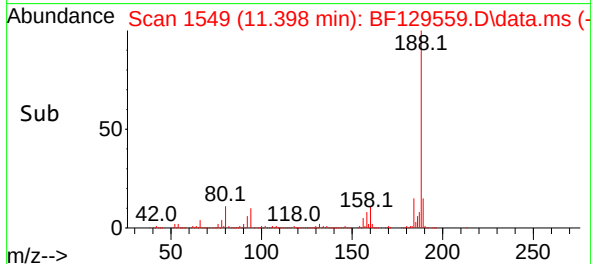
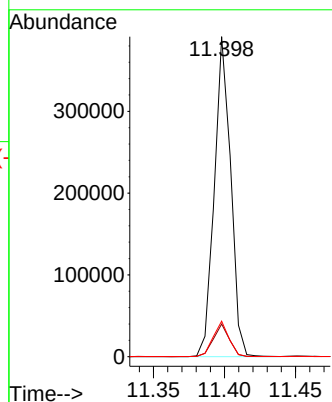
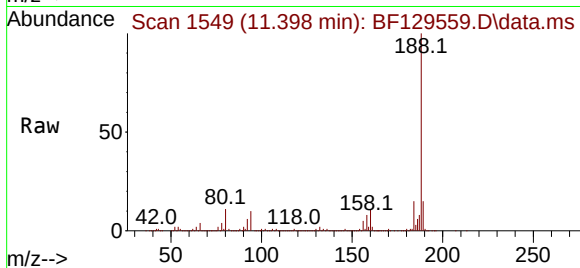
Tgt Ion:188 Resp: 312841

Ion Ratio Lower Upper

188 100

94 10.2 7.0 10.6

80 11.1 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.983 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.241 min

Lab File: BF129559.D

Acq: 04 Aug 2022 01:27

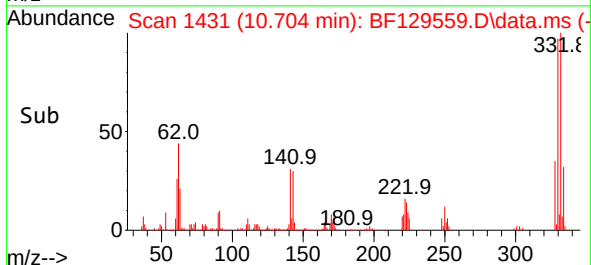
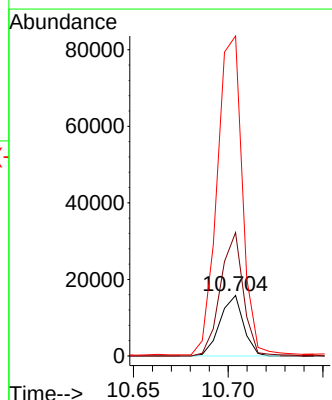
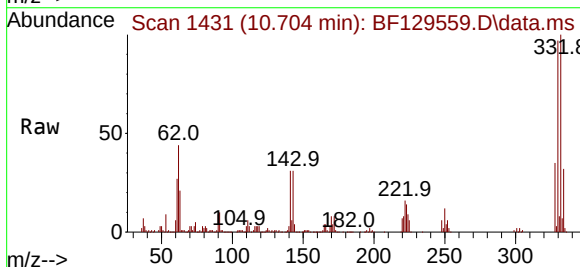
Tgt Ion:248 Resp: 13646

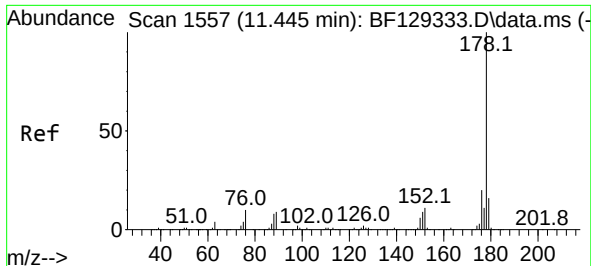
Ion Ratio Lower Upper

248 100

250 204.0 80.6 120.8#

141 528.8 58.9 88.3#

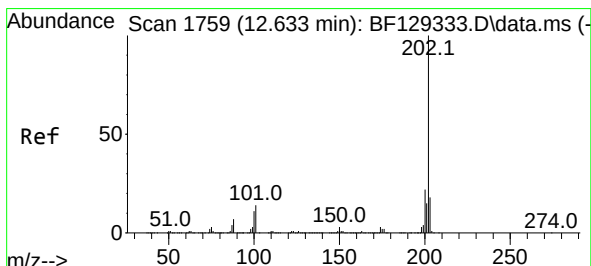
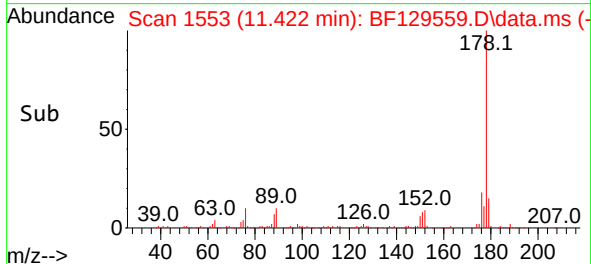
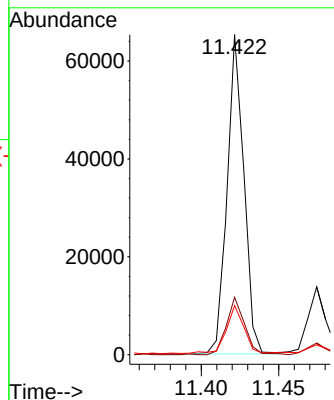
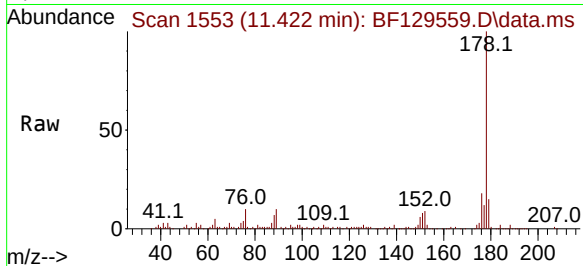




#71
Phenanthrene
Concen: 2.877 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

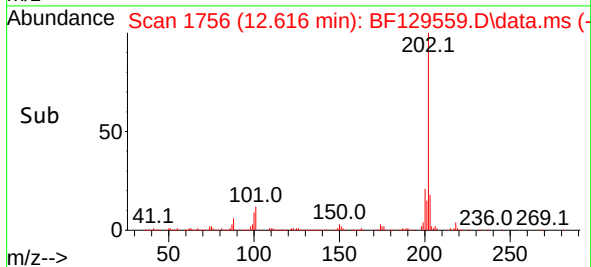
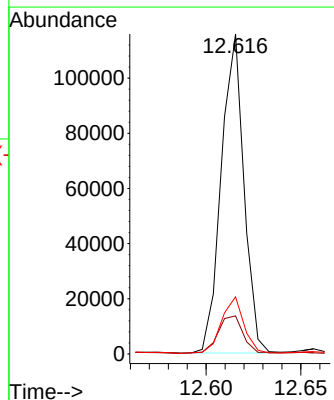
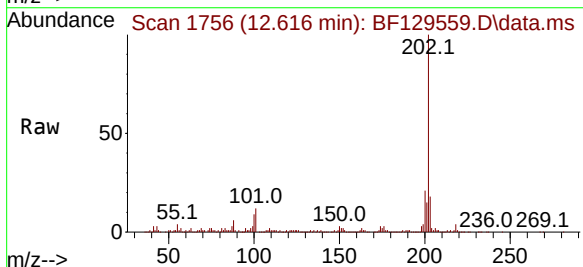
Instrument :
BNA_F
ClientSampleId :
RVE-85

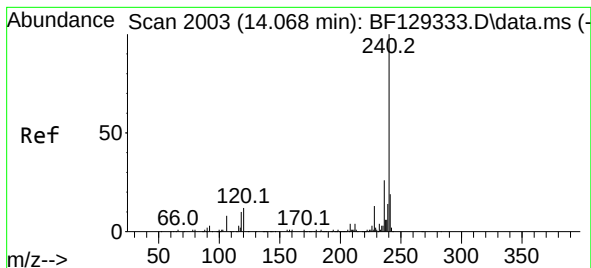
Tgt Ion:178 Resp: 49129
Ion Ratio Lower Upper
178 100
176 18.0 16.0 24.0
179 15.3 12.6 19.0



#75
Fluoranthene
Concen: 5.573 ng
RT: 12.616 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

Tgt Ion:202 Resp: 96422
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.4
203 17.8 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 1999

Delta R.T. -0.006 min

Lab File: BF129559.D

Acq: 04 Aug 2022 01:27

Instrument :

BNA_F

ClientSampleId :

RVE-85

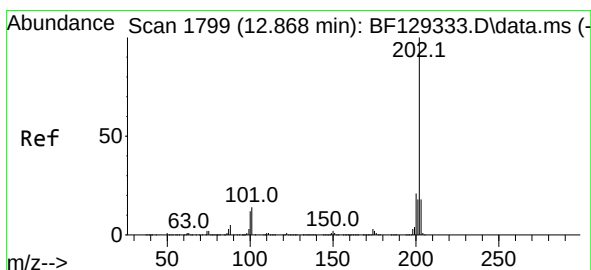
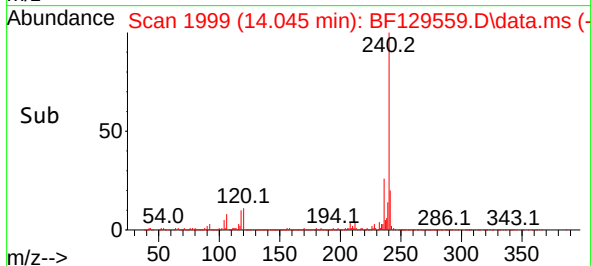
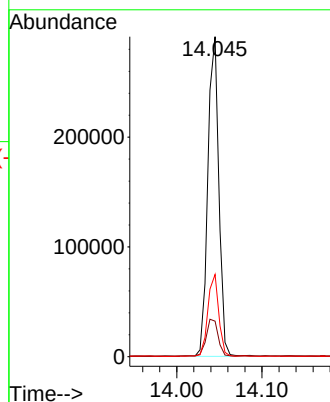
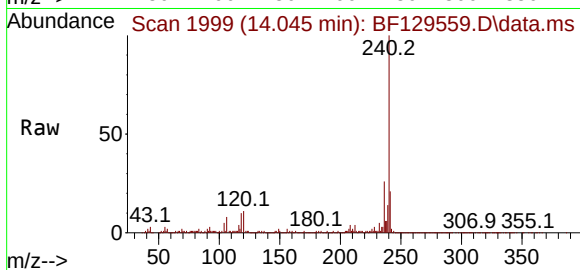
Tgt Ion:240 Resp: 261110

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

236 25.7 20.8 31.2



#78

Pyrene

Concen: 6.535 ng

RT: 12.845 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF129559.D

Acq: 04 Aug 2022 01:27

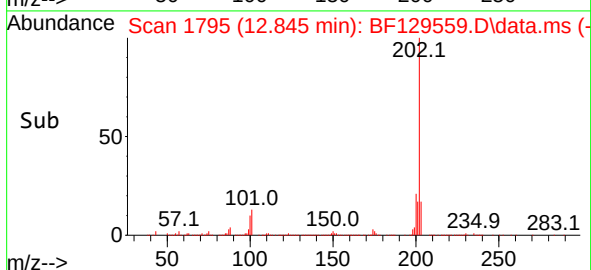
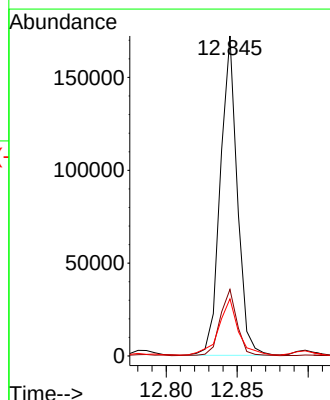
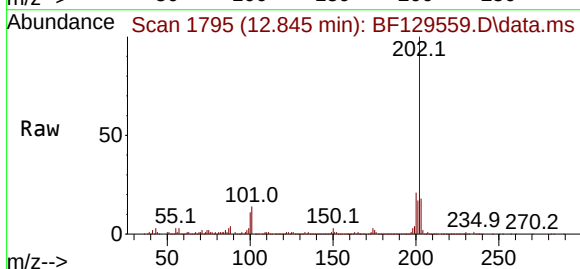
Tgt Ion:202 Resp: 142681

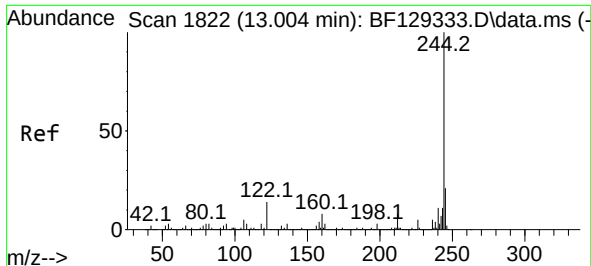
Ion Ratio Lower Upper

202 100

200 20.8 17.7 26.5

203 17.9 14.6 21.8

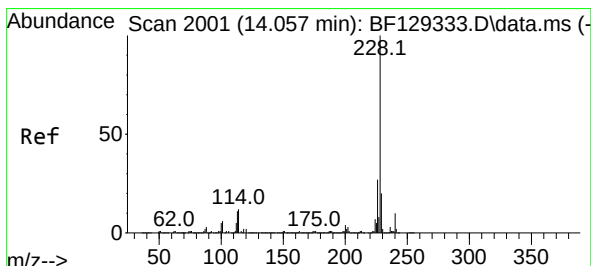
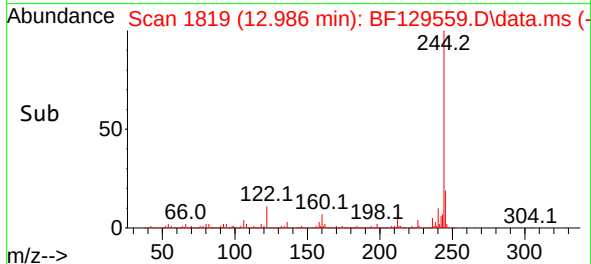
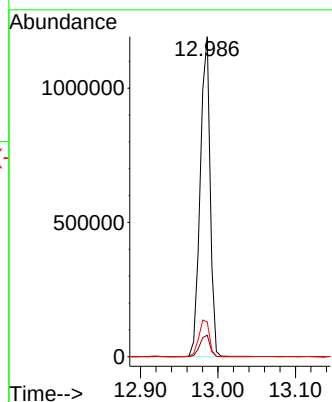
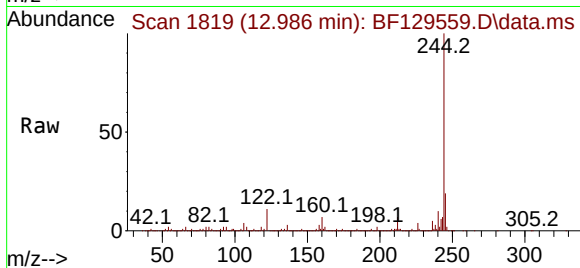




#79
 Terphenyl-d14
 Concen: 76.515 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.000 min
 Lab File: BF129559.D
 Acq: 04 Aug 2022 01:27

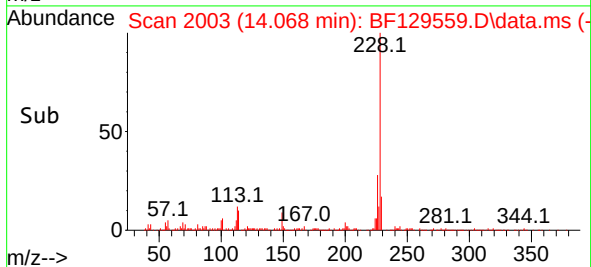
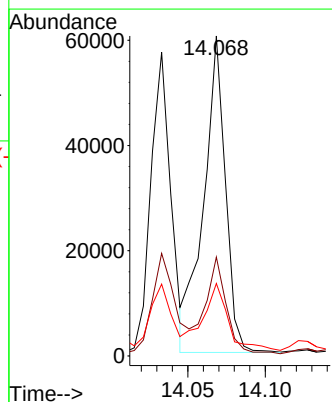
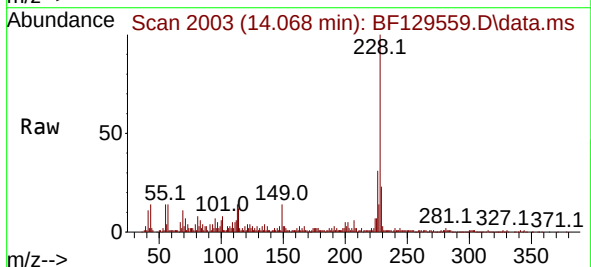
Instrument :
 BNA_F
 ClientSampleId :
 RVE-85

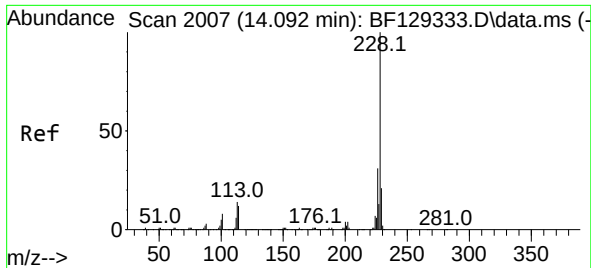
Tgt Ion:244 Resp: 1058995
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 10.8 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 3.309 ng
 RT: 14.068 min Scan# 2003
 Delta R.T. 0.029 min
 Lab File: BF129559.D
 Acq: 04 Aug 2022 01:27

Tgt Ion:228 Resp: 59012
 Ion Ratio Lower Upper
 228 100
 226 30.9 22.1 33.1
 229 22.7 15.8 23.8





#83

Chrysene

Concen: 3.511 ng

RT: 14.068 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF129559.D

Acq: 04 Aug 2022 01:27

Instrument :

BNA_F

ClientSampleId :

RVE-85

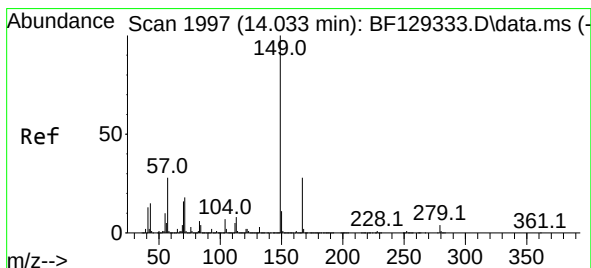
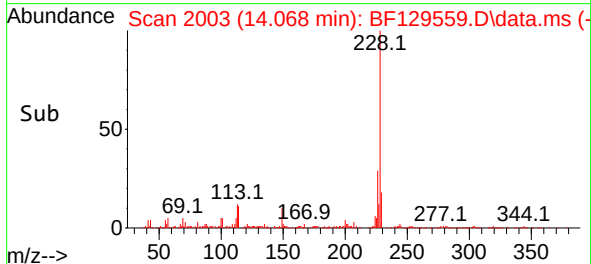
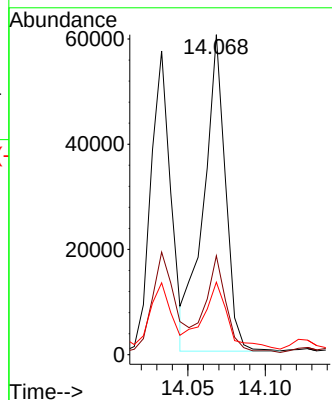
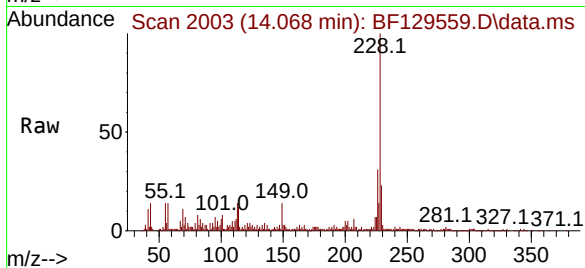
Tgt Ion:228 Resp: 59012

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

229 22.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.699 ng

RT: 14.010 min Scan# 1993

Delta R.T. -0.000 min

Lab File: BF129559.D

Acq: 04 Aug 2022 01:27

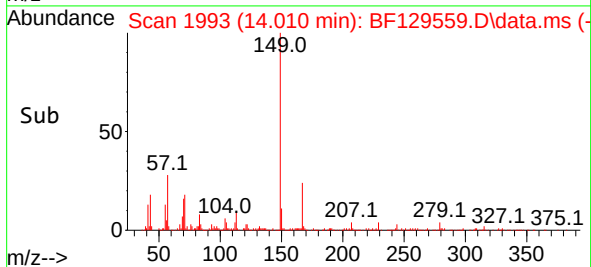
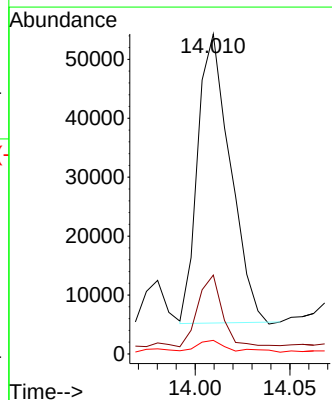
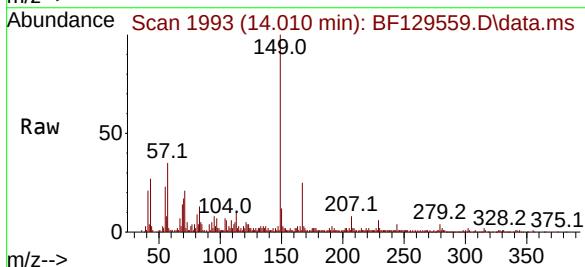
Tgt Ion:149 Resp: 58593

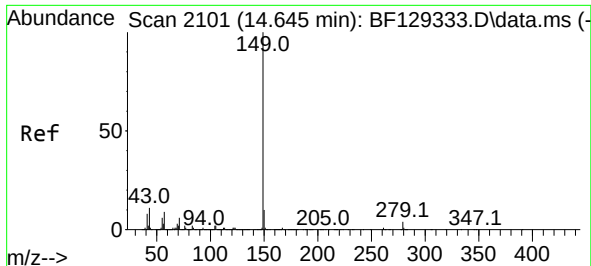
Ion Ratio Lower Upper

149 100

167 24.6 21.0 31.4

279 4.2 3.1 4.7

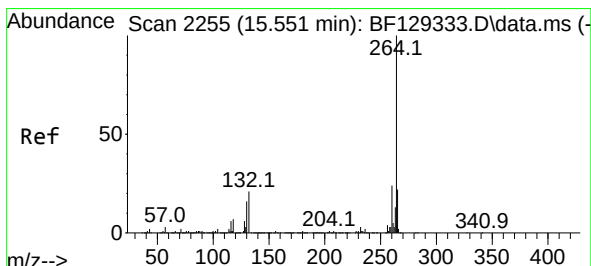
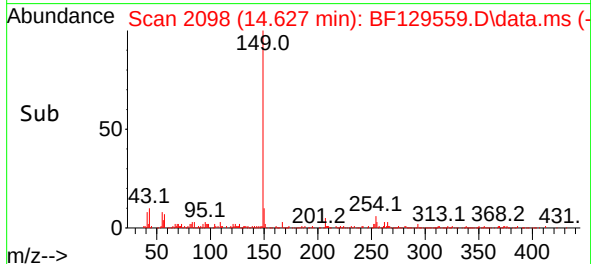
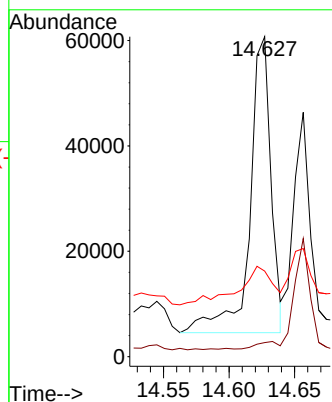
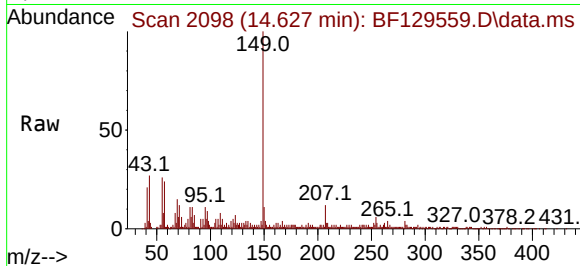




#85
Di-n-octyl phthalate
Concen: 3.531 ng
RT: 14.627 min Scan# 2098
Delta R.T. 0.006 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

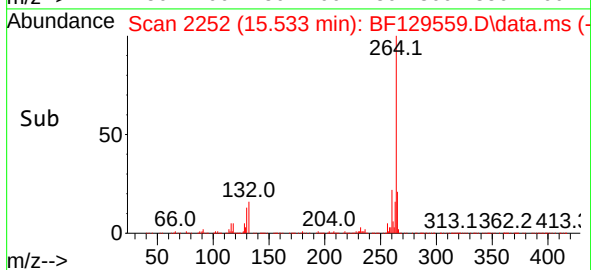
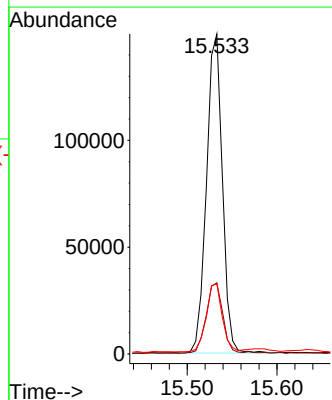
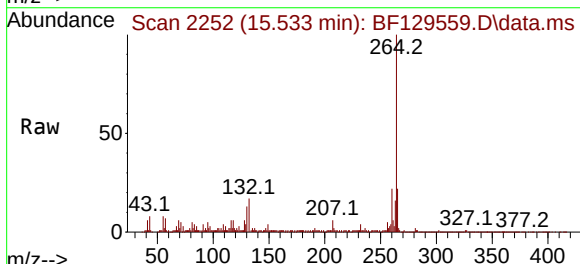
Instrument :
BNA_F
ClientSampleId :
RVE-85

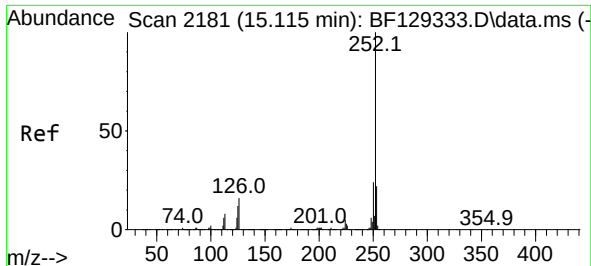
Tgt Ion:149 Resp: 63351
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 21.0 9.2 13.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2252
Delta R.T. 0.006 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

Tgt Ion:264 Resp: 183590
Ion Ratio Lower Upper
264 100
260 22.2 18.4 27.6
265 21.9 17.2 25.8

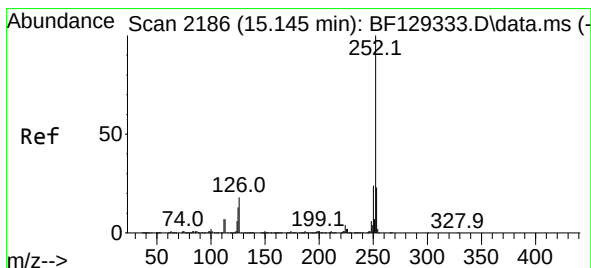
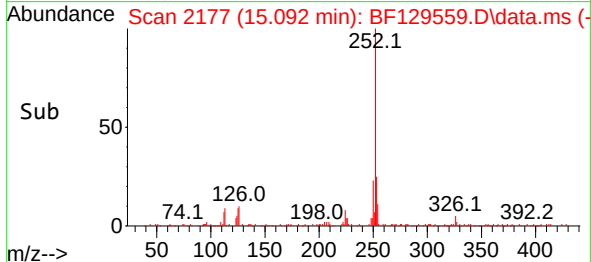
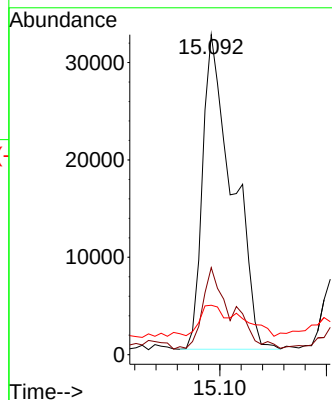
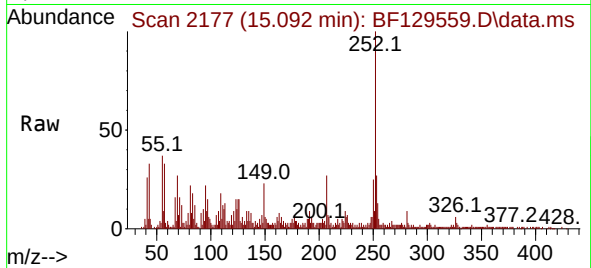




#88
Benzo(b)fluoranthene
Concen: 5.178 ng
RT: 15.092 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

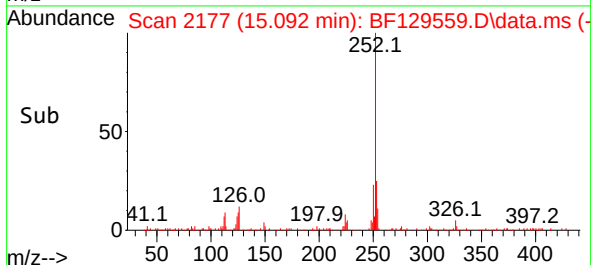
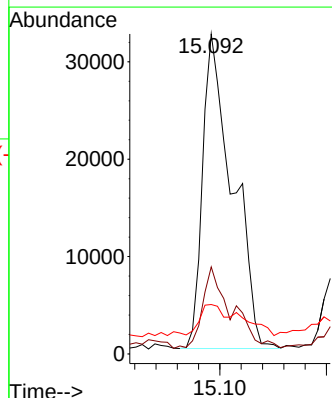
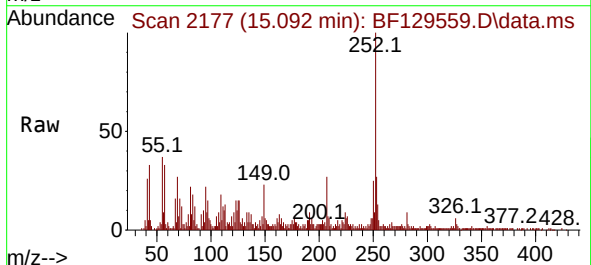
Instrument :
BNA_F
ClientSampleId :
RVE-85

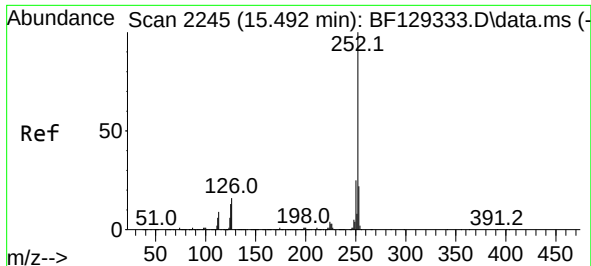
Tgt Ion:252 Resp: 63053
Ion Ratio Lower Upper
252 100
253 27.2 17.7 26.5#
125 15.4 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 5.283 ng
RT: 15.092 min Scan# 2177
Delta R.T. -0.030 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

Tgt Ion:252 Resp: 63053
Ion Ratio Lower Upper
252 100
253 27.2 17.8 26.6#
125 15.4 8.3 12.5#

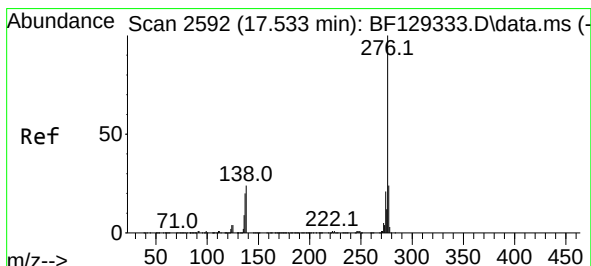
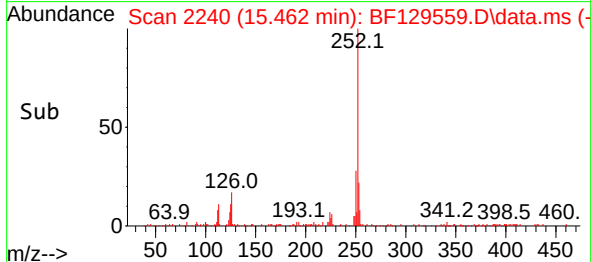
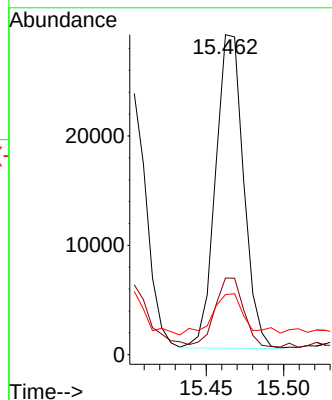
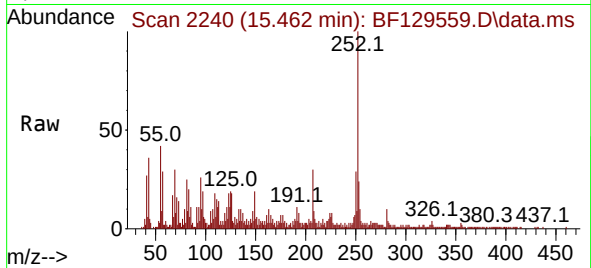




#90
Benzo(a)pyrene
Concen: 3.662 ng
RT: 15.462 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

Instrument :
BNA_F
ClientSampleId :
RVE-85

Tgt Ion:252 Resp: 36202
Ion Ratio Lower Upper
252 100
253 23.9 17.0 25.6
125 18.8 8.8 13.2#



#92
Benzo(g,h,i)perylene
Concen: 2.528 ng
RT: 17.486 min Scan# 2584
Delta R.T. -0.006 min
Lab File: BF129559.D
Acq: 04 Aug 2022 01:27

Tgt Ion:276 Resp: 25997
Ion Ratio Lower Upper
276 100
277 28.0 19.1 28.7
138 23.5 18.0 27.0

