

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129569.D
 Acq On : 04 Aug 2022 14:07
 Operator : CG\JU
 Sample : N3931-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-120

Quant Time: Aug 05 02:08:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 02:05:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

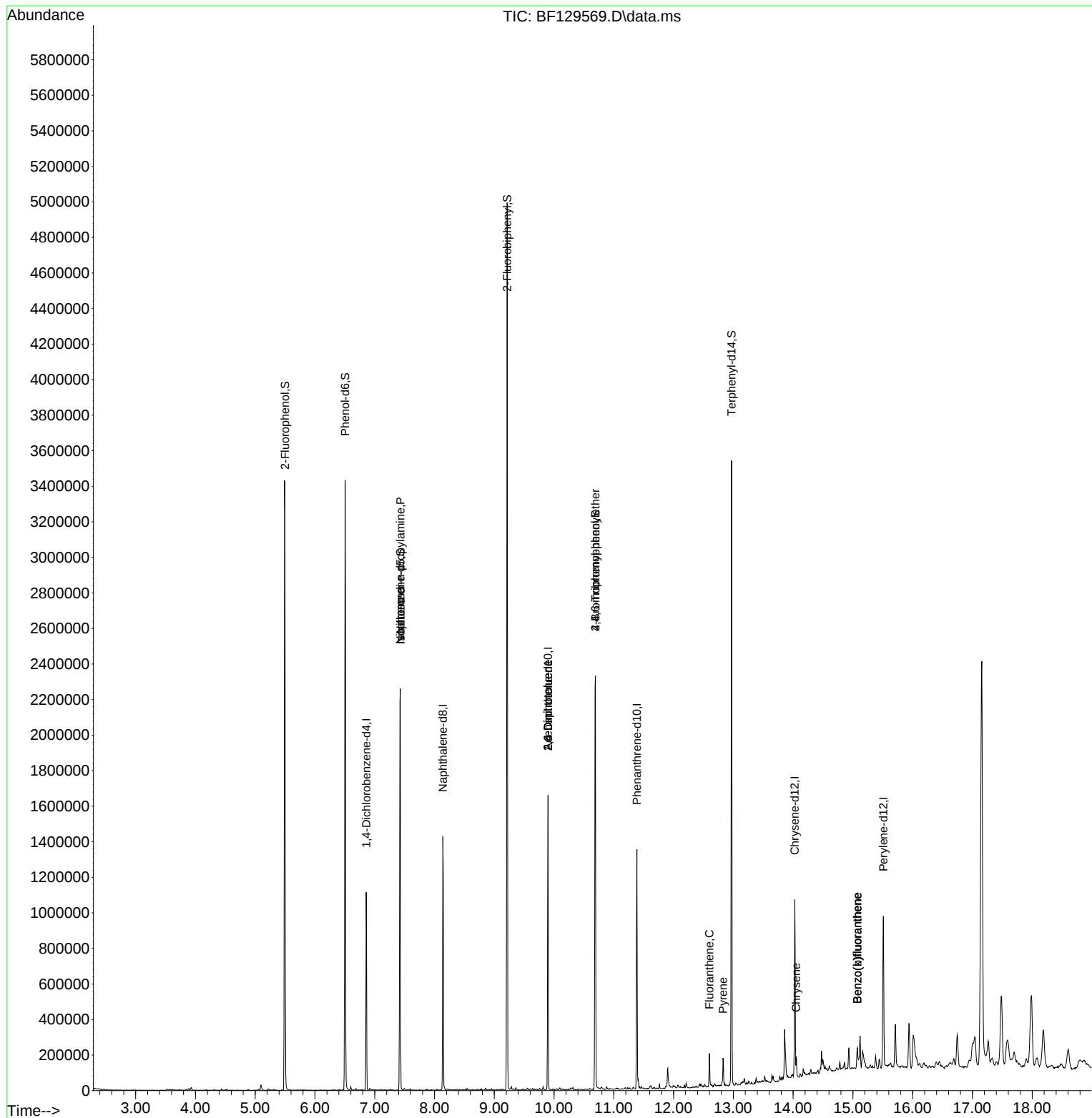
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	151086	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	608596	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	306581	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	439626	20.000	ng	0.00
76) Chrysene-d12	14.027	240	312212	20.000	ng	-0.01
86) Perylene-d12	15.510	264	361300	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	958433	103.338	ng	0.00
7) Phenol-d6	6.504	99	1185692	101.708	ng	-0.01
23) Nitrobenzene-d5	7.428	82	773198	69.353	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	278191	94.381	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1398583	70.570	ng	0.00
79) Terphenyl-d14	12.969	244	1076941	65.076	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	102431	14.514	ng	# 73
25) Isophorone	7.428	82	771064	38.584	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	39249	8.286	ng	# 25
57) 2,4-Dinitrotoluene	9.898	165	39249	6.343	ng	# 21
67) 4-Bromophenyl-phenylether	10.692	248	18350	3.812	ng	# 1
75) Fluoranthene	12.598	202	65081	2.677	ng	98
78) Pyrene	12.827	202	58217	2.230	ng	98
83) Chrysene	14.051	228	45227	2.250	ng	98
88) Benzo(b)fluoranthene	15.074	252	78505	3.276	ng	# 96
89) Benzo(k)fluoranthene	15.074	252	78505	3.343	ng	# 96

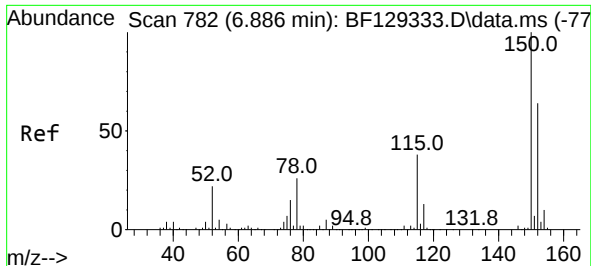
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
Data File : BF129569.D
Acq On : 04 Aug 2022 14:07
Operator : CG\JU
Sample : N3931-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-120

Quant Time: Aug 05 02:08:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 02:05:37 2022
Response via : Initial Calibration

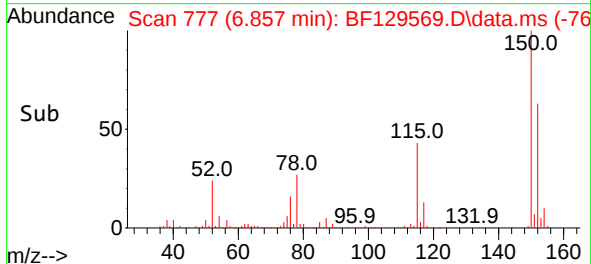
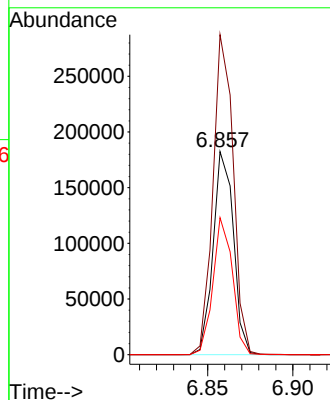
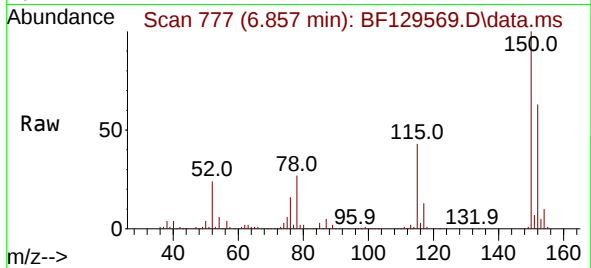




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129569.D
 Acq: 04 Aug 2022 14:07

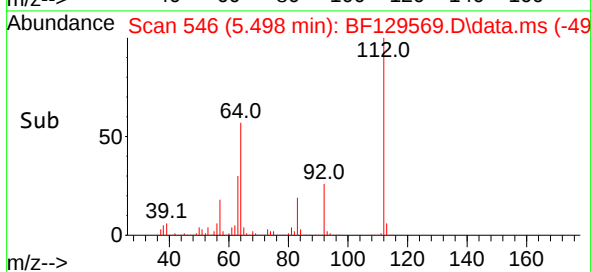
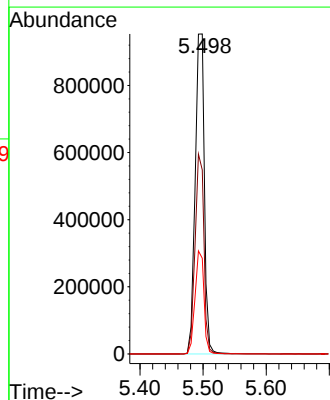
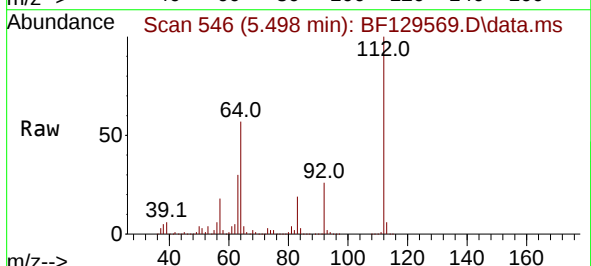
Instrument :
 BNA_F
 ClientSampleId :
 RVE-120

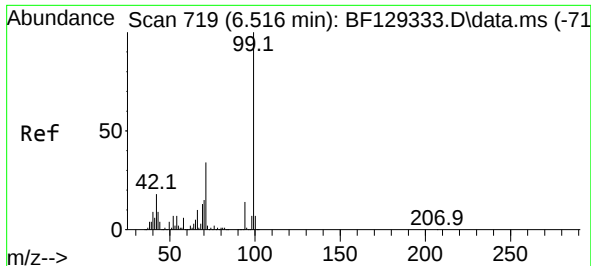
Tgt Ion:152 Resp: 151086
 Ion Ratio Lower Upper
 152 100
 150 157.6 123.7 185.5
 115 67.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 103.338 ng
 RT: 5.498 min Scan# 546
 Delta R.T. 0.006 min
 Lab File: BF129569.D
 Acq: 04 Aug 2022 14:07

Tgt Ion:112 Resp: 958433
 Ion Ratio Lower Upper
 112 100
 64 57.5 53.3 79.9
 63 29.9 28.0 42.0

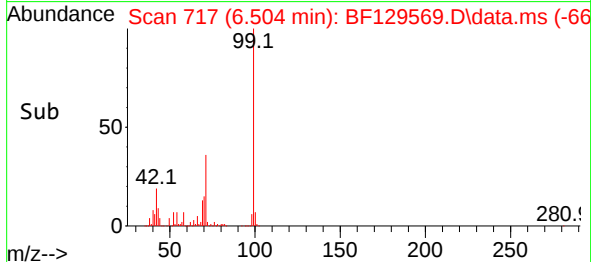
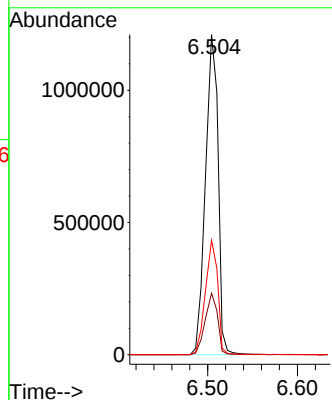
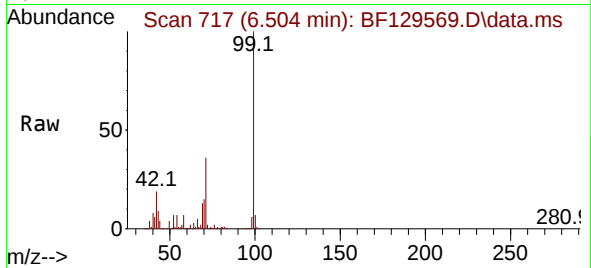




#7
Phenol-d6
Concen: 101.708 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07

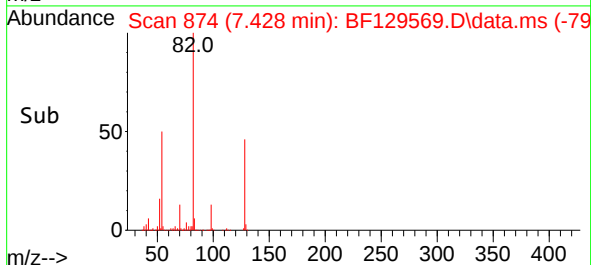
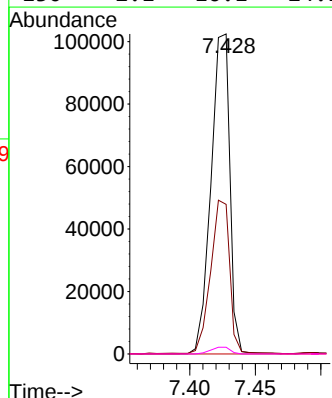
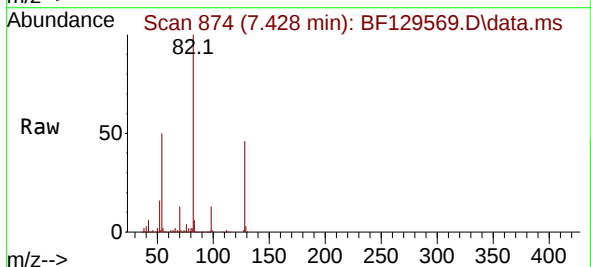
Instrument :
BNA_F
ClientSampleId :
RVE-120

Tgt Ion: 99 Resp: 1185692
Ion Ratio Lower Upper
99 100
42 19.2 17.3 25.9
71 35.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.514 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.147 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07

Tgt Ion: 70 Resp: 102431
Ion Ratio Lower Upper
70 100
42 46.7 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#



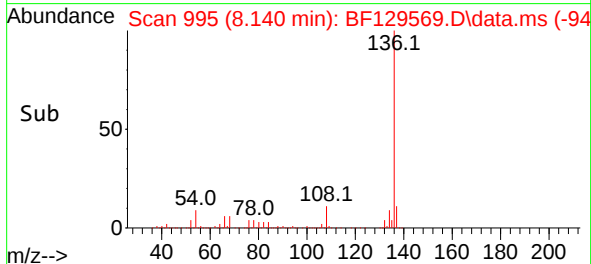
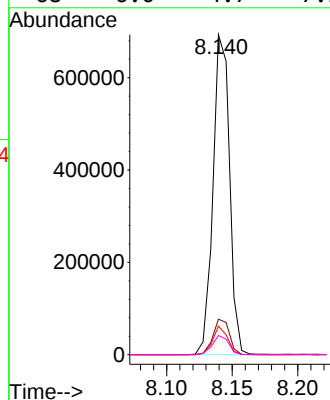
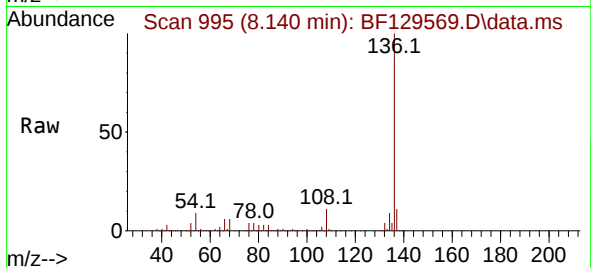


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07

Instrument :
BNA_F
ClientSampleId :
RVE-120

Tgt Ion:136 Resp: 608596

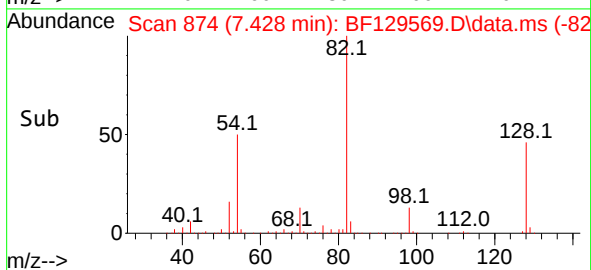
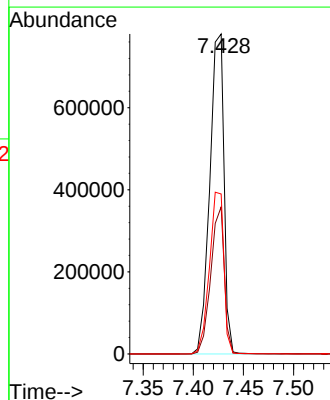
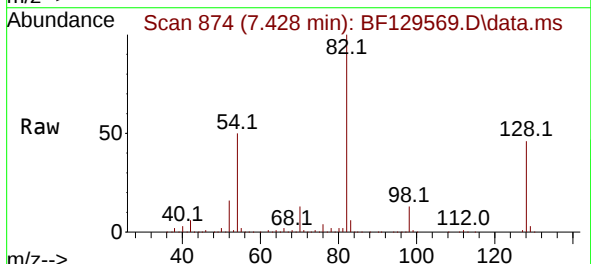
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.9	7.5	11.3
68	6.0	4.7	7.1



#23
Nitrobenzene-d5
Concen: 69.353 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07

Tgt Ion: 82 Resp: 773198

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.0	51.0
54	50.0	46.9	70.3

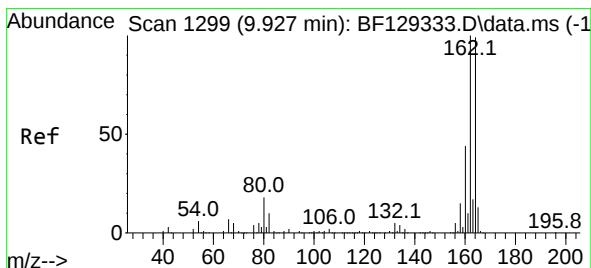
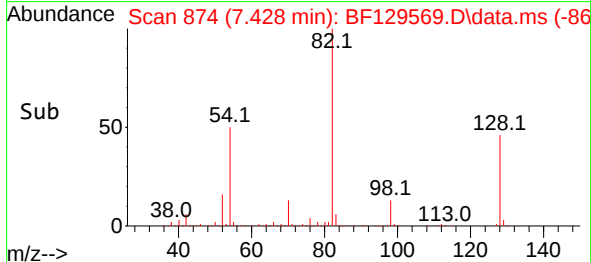
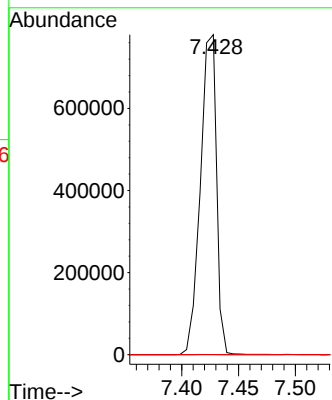
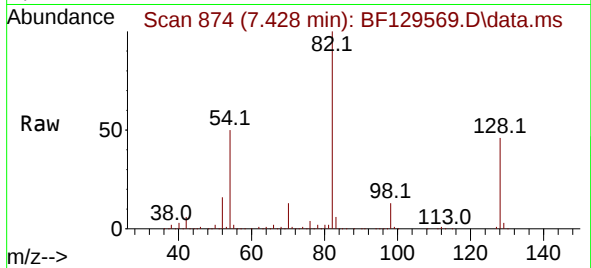




#25
Isophorone
Concen: 38.584 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07

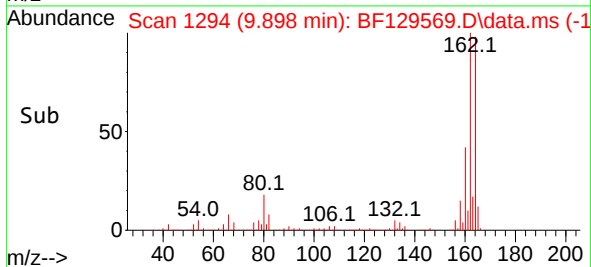
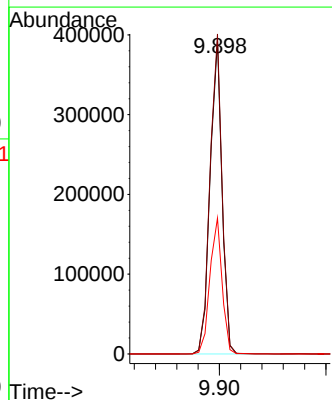
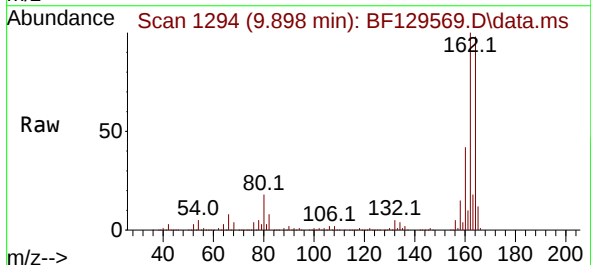
Instrument :
BNA_F
ClientSampleId :
RVE-120

Tgt Ion: 82 Resp: 771064
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: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07

Tgt Ion:164 Resp: 306581
Ion Ratio Lower Upper
164 100
162 102.1 79.5 119.3
160 43.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 94.381 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF129569.D

Acq: 04 Aug 2022 14:07

Instrument :

BNA_F

ClientSampleId :

RVE-120

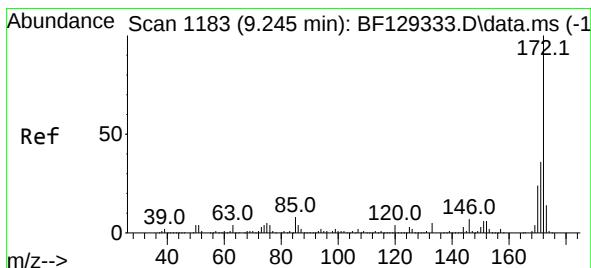
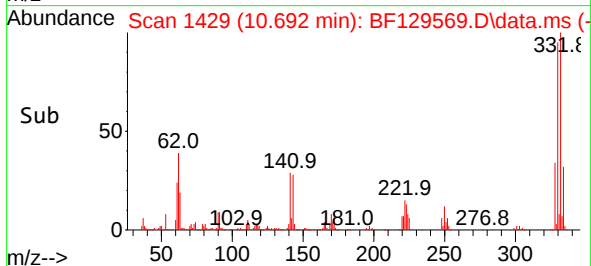
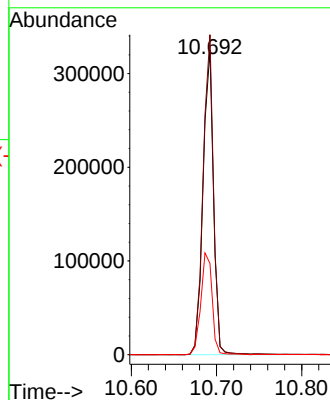
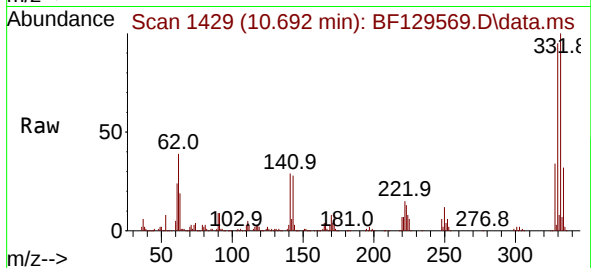
Tgt Ion:330 Resp: 278191

Ion Ratio Lower Upper

330 100

332 104.0 76.8 115.2

141 35.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 70.570 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF129569.D

Acq: 04 Aug 2022 14:07

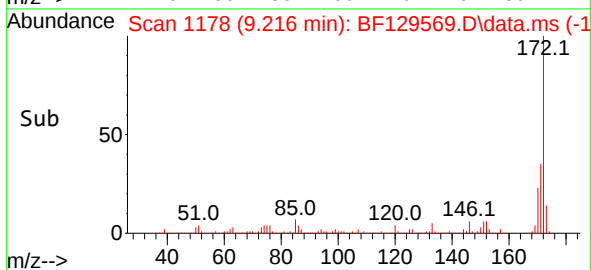
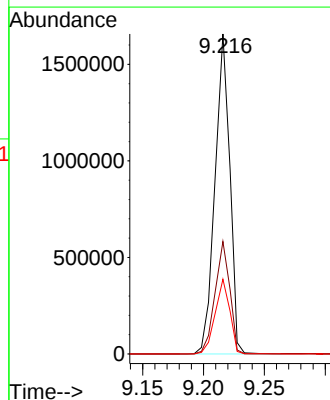
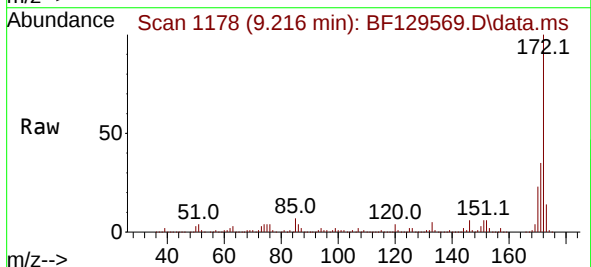
Tgt Ion:172 Resp: 1398583

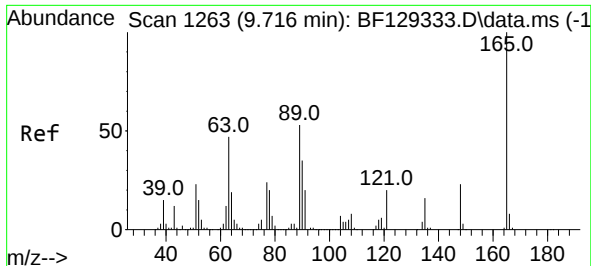
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.3 19.8 29.8

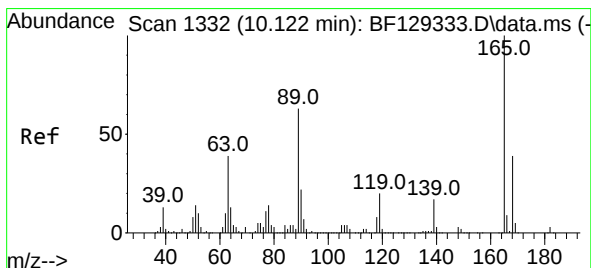
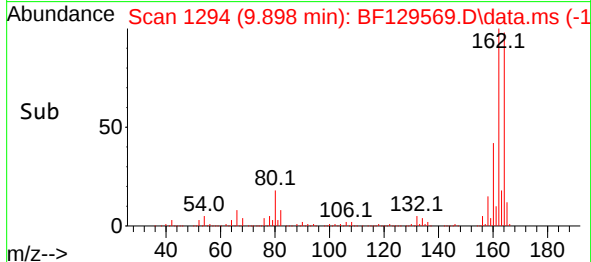
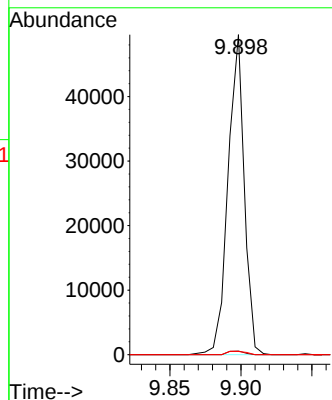
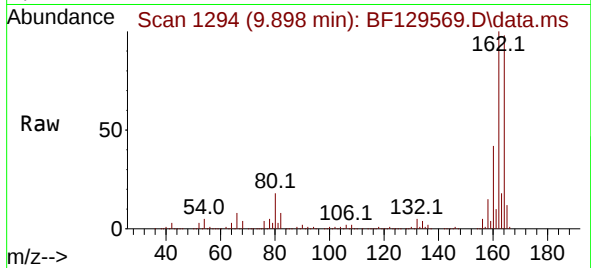




#51
2,6-Dinitrotoluene
Concen: 8.286 ng
RT: 9.898 min Scan# 1294
Delta R.T. 0.206 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07

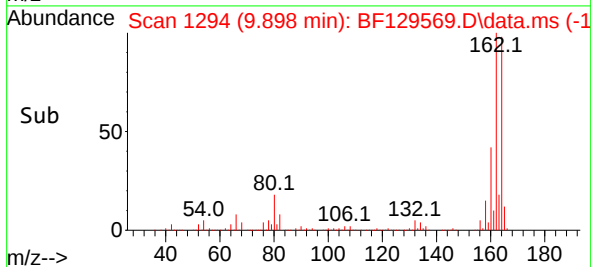
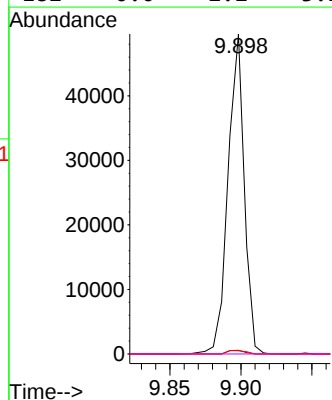
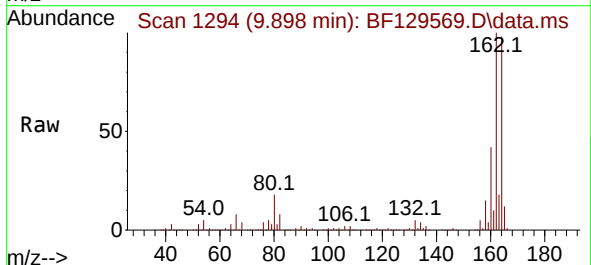
Instrument :
BNA_F
ClientSampleId :
RVE-120

Tgt Ion:165 Resp: 39249
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.0 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.343 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.200 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07

Tgt Ion:165 Resp: 39249
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.0 60.2 90.2#
182 0.0 2.2 3.2#

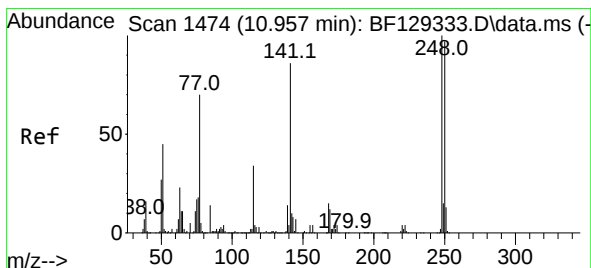
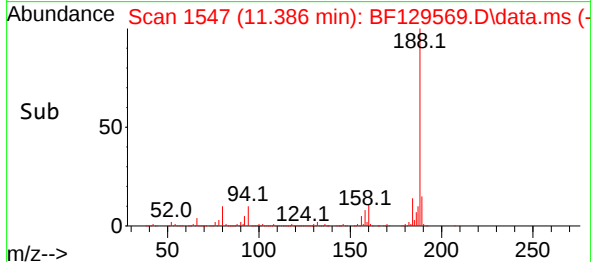
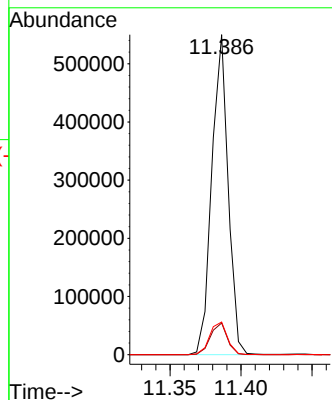
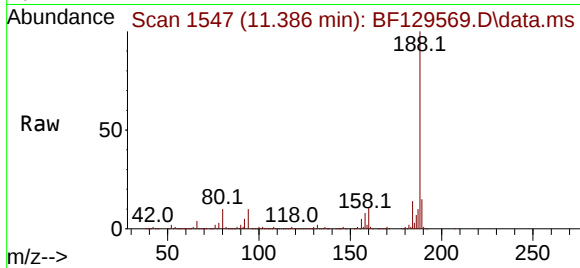




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07

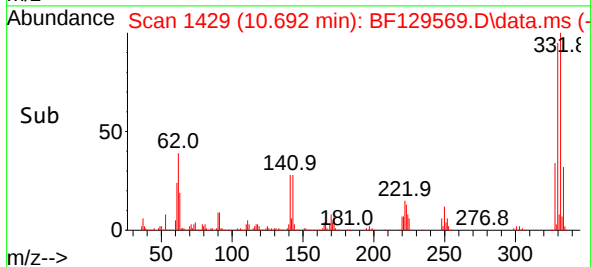
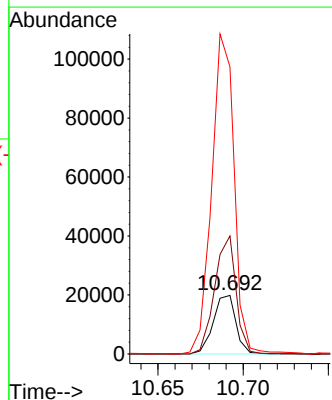
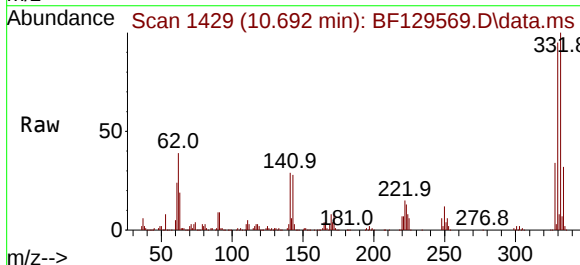
Instrument :
BNA_F
ClientSampleId :
RVE-120

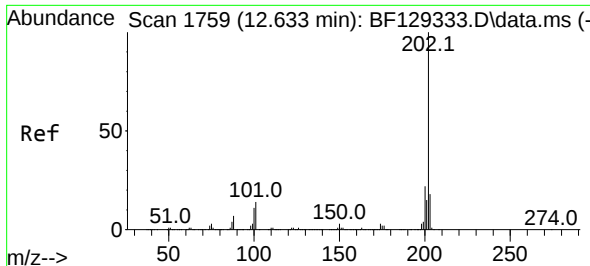
Tgt Ion:188 Resp: 439626
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.2 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.812 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07

Tgt Ion:248 Resp: 18350
Ion Ratio Lower Upper
248 100
250 201.4 80.6 120.8#
141 489.5 58.9 88.3#

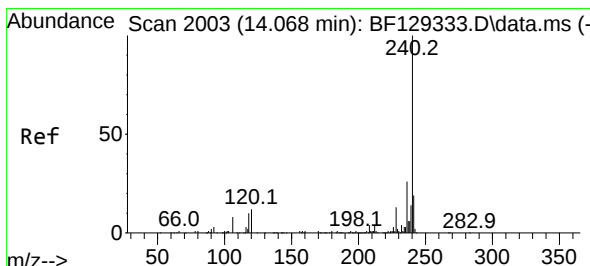
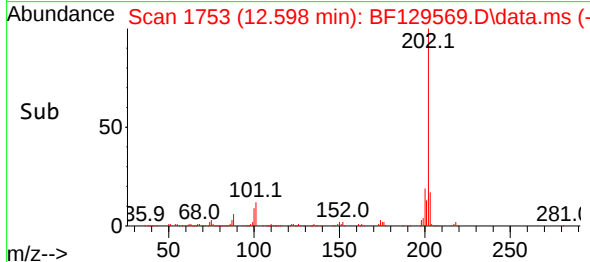
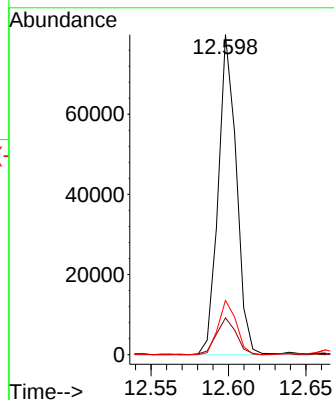
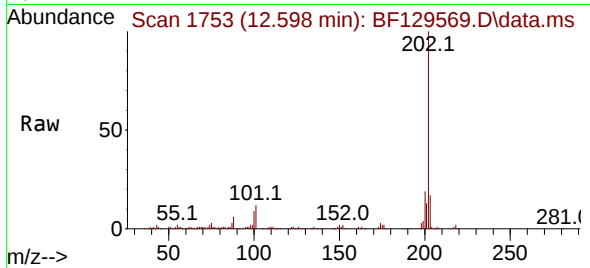




#75
Fluoranthene
Concen: 2.677 ng
RT: 12.598 min Scan# 1753
Delta R.T. -0.012 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07

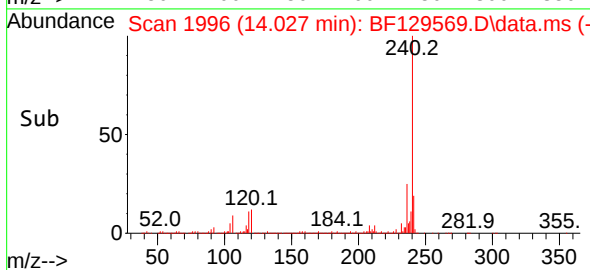
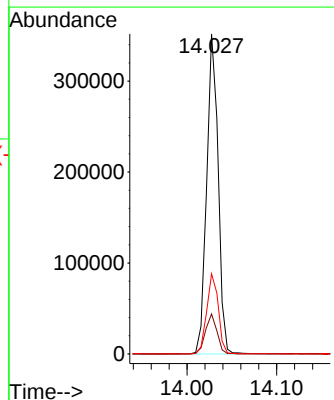
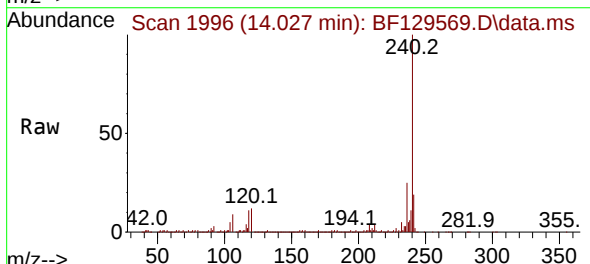
Instrument :
BNA_F
ClientSampleId :
RVE-120

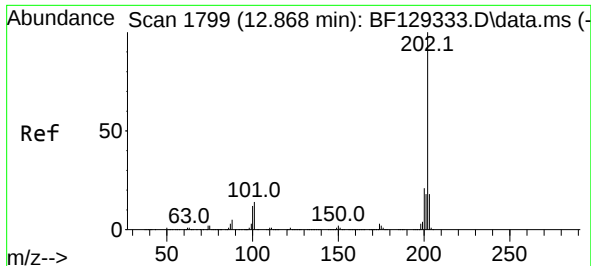
Tgt Ion:202 Resp: 65081
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 16.9 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07

Tgt Ion:240 Resp: 312212
Ion Ratio Lower Upper
240 100
120 12.5 8.9 13.3
236 25.0 20.8 31.2

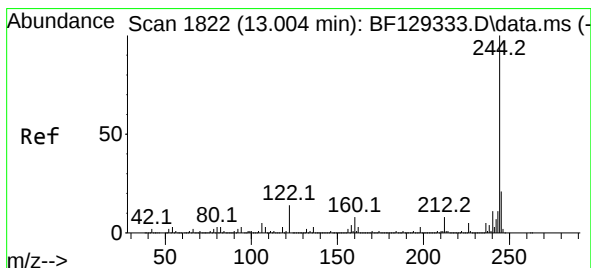
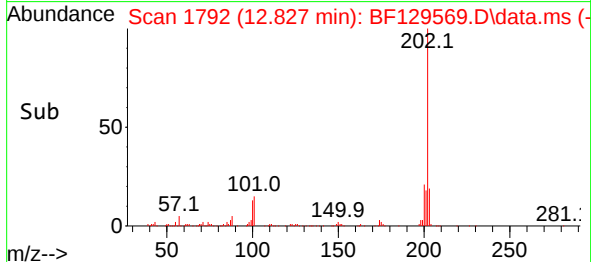
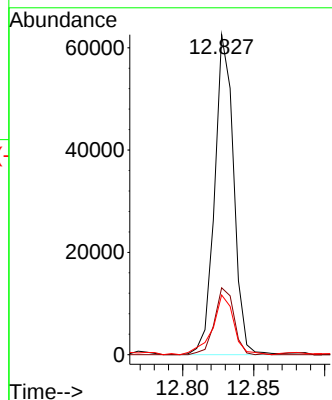
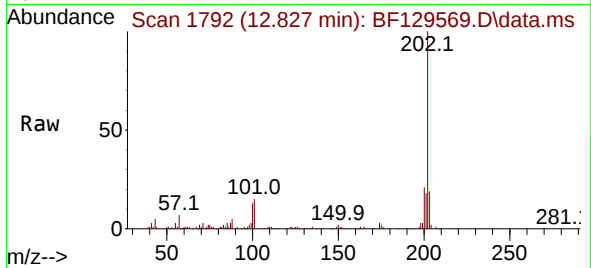




#78
 Pyrene
 Concen: 2.230 ng
 RT: 12.827 min Scan# 1
 Delta R.T. -0.012 min
 Lab File: BF129569.D
 Acq: 04 Aug 2022 14:07

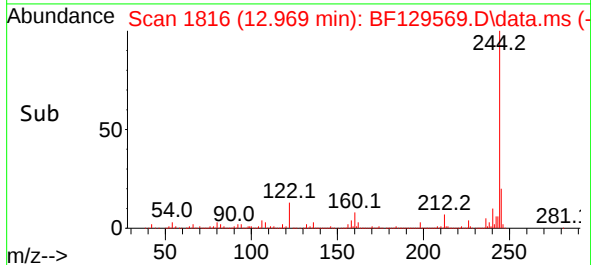
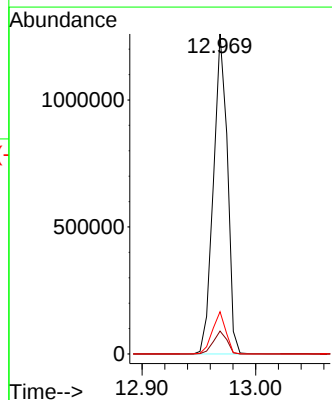
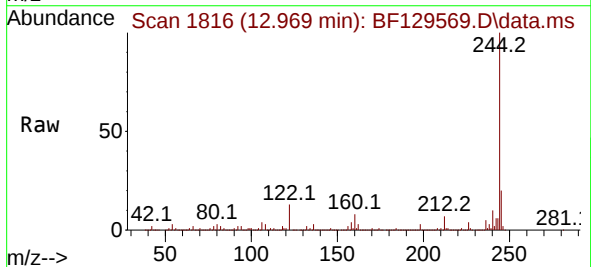
Instrument :
 BNA_F
 ClientSampleId :
 RVE-120

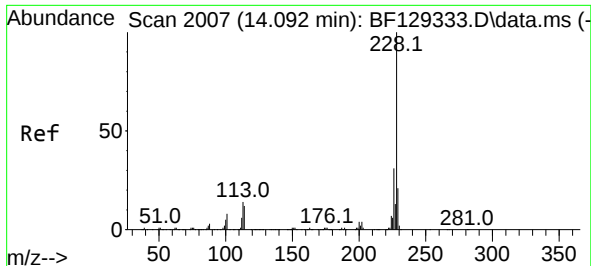
Tgt Ion:202 Resp: 58217
 Ion Ratio Lower Upper
 202 100
 200 20.9 17.7 26.5
 203 18.7 14.6 21.8



#79
 Terphenyl-d14
 Concen: 65.076 ng
 RT: 12.969 min Scan# 1816
 Delta R.T. -0.012 min
 Lab File: BF129569.D
 Acq: 04 Aug 2022 14:07

Tgt Ion:244 Resp: 1076941
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 13.2 8.8 13.2

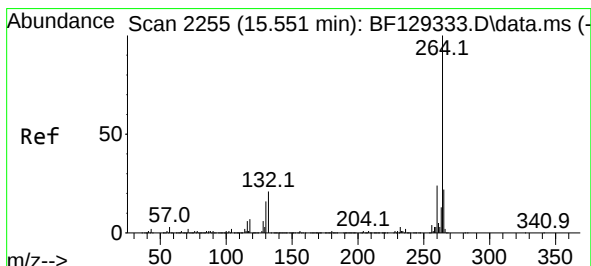
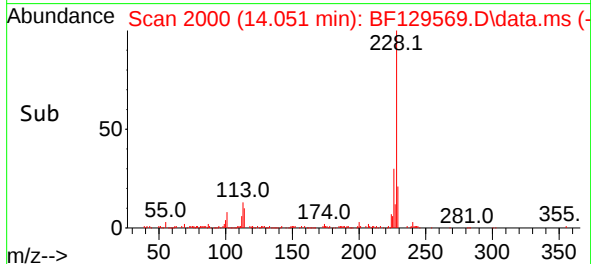
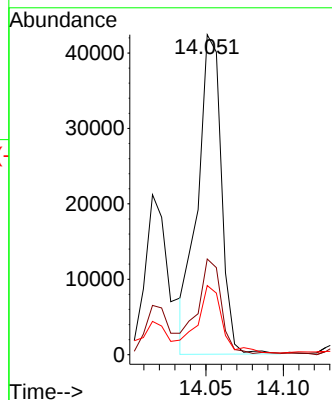
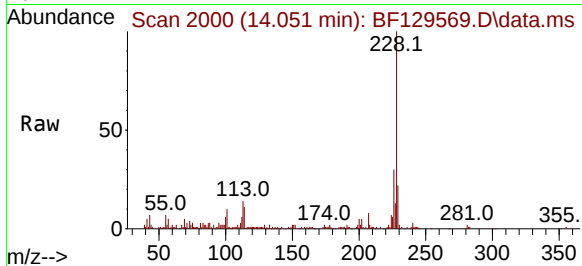




#83
Chrysene
Concen: 2.250 ng
RT: 14.051 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07

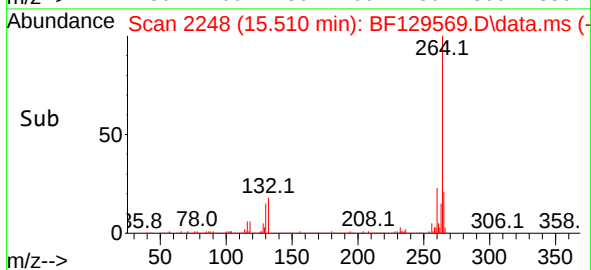
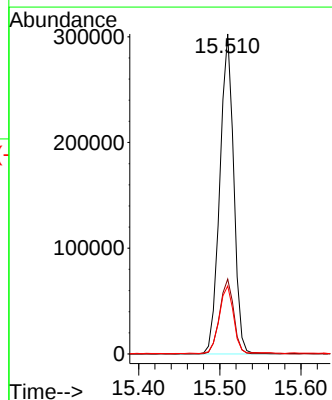
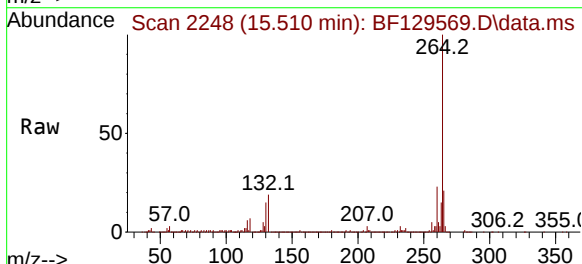
Instrument :
BNA_F
ClientSampleId :
RVE-120

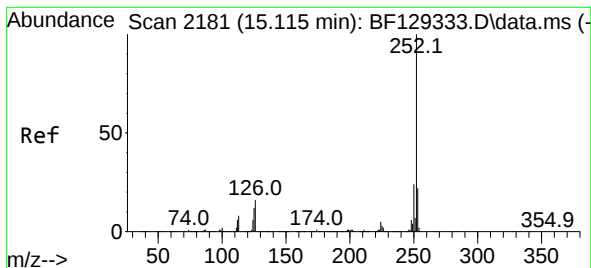
Tgt Ion:228 Resp: 45227
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 21.6 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2248
Delta R.T. -0.006 min
Lab File: BF129569.D
Acq: 04 Aug 2022 14:07

Tgt Ion:264 Resp: 361300
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.3 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 3.276 ng

RT: 15.074 min Scan# 2174

Delta R.T. -0.012 min

Lab File: BF129569.D

Acq: 04 Aug 2022 14:07

Instrument :

BNA_F

ClientSampleId :

RVE-120

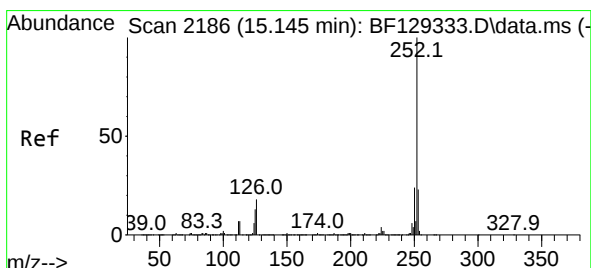
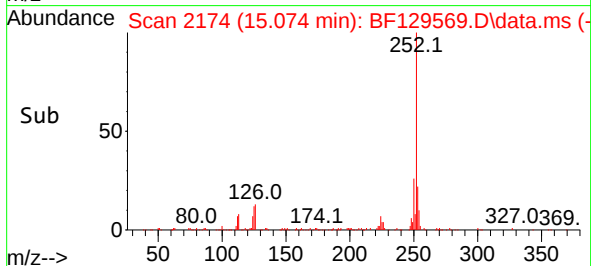
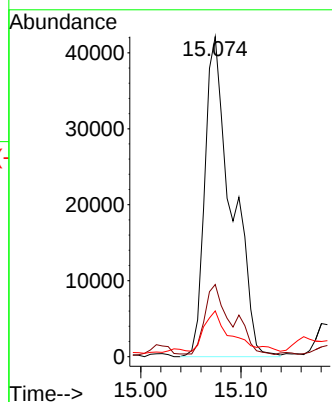
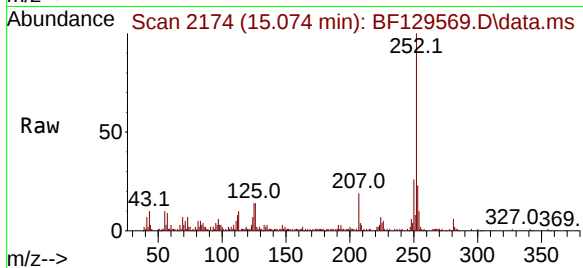
Tgt Ion:252 Resp: 78505

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 14.3 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 3.343 ng

RT: 15.074 min Scan# 2174

Delta R.T. -0.041 min

Lab File: BF129569.D

Acq: 04 Aug 2022 14:07

Tgt Ion:252 Resp: 78505

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 14.3 8.3 12.5#

