

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129521.D
 Acq On : 02 Aug 2022 22:41
 Operator : CG\JU
 Sample : N3927-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-86

Quant Time: Aug 03 01:48:24 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)

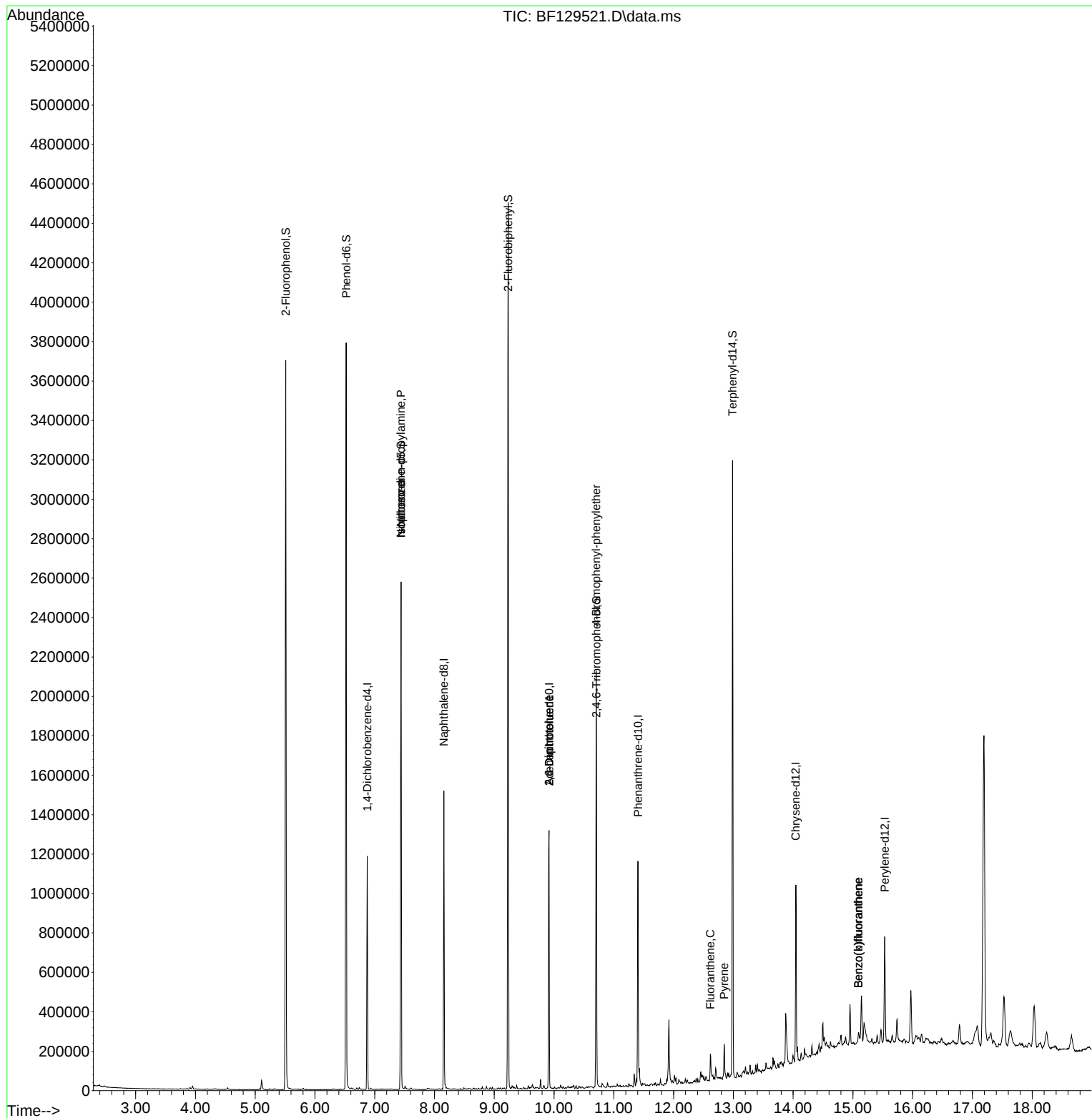
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	151543	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	578579	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	269562	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	370877	20.000	ng	0.00
76) Chrysene-d12	14.045	240	278028	20.000	ng	0.00
86) Perylene-d12	15.533	264	218303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	940587	101.108	ng	0.00
7) Phenol-d6	6.522	99	1177141	100.670	ng	0.00
23) Nitrobenzene-d5	7.440	82	751349	70.889	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	231253	89.230	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1295922	74.370	ng	0.00
79) Terphenyl-d14	12.986	244	989354	67.133	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	100662	14.220	ng	# 75
25) Isophorone	7.440	82	751339	39.547	ng	# 65
51) 2,6-Dinitrotoluene	9.916	165	35130	8.435	ng	# 26
57) 2,4-Dinitrotoluene	9.916	165	35130	6.457	ng	# 21
67) 4-Bromophenyl-phenylether	10.704	248	14351	3.534	ng	# 1
75) Fluoranthene	12.616	202	43366	2.114	ng	96
78) Pyrene	12.845	202	65250	2.807	ng	98
88) Benzo(b)fluoranthene	15.092	252	37587	2.596	ng	# 94
89) Benzo(k)fluoranthene	15.092	252	37587	2.649	ng	# 94

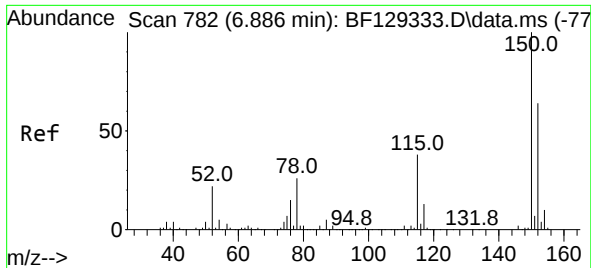
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129521.D
Acq On : 02 Aug 2022 22:41
Operator : CG\JU
Sample : N3927-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-86

Quant Time: Aug 03 01:48:24 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

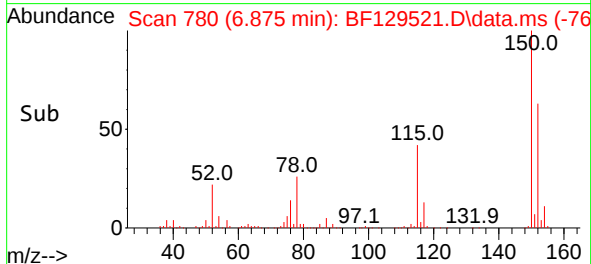
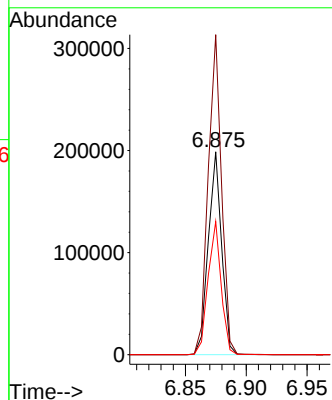
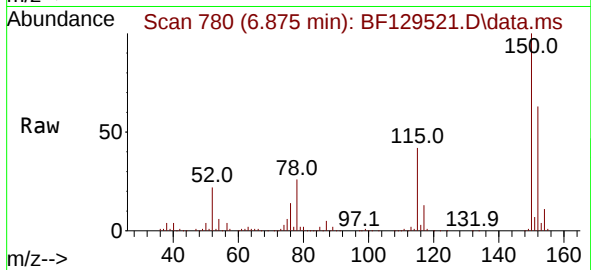




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129521.D
 Acq: 02 Aug 2022 22:41

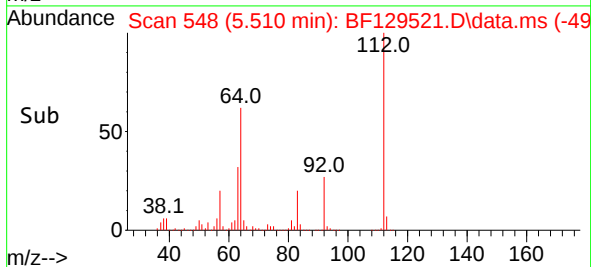
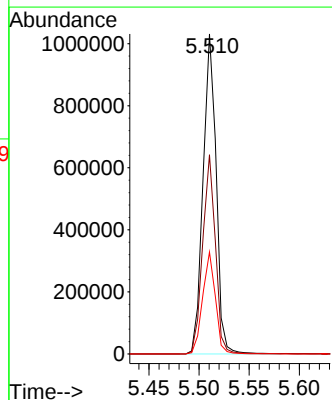
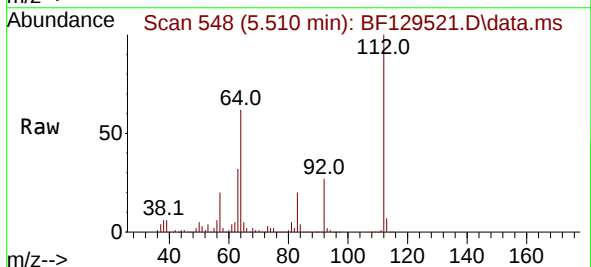
Instrument :
 BNA_F
 ClientSampleId :
 RVE-86

Tgt Ion:152 Resp: 151543
 Ion Ratio Lower Upper
 152 100
 150 157.8 123.7 185.5
 115 65.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 101.108 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.006 min
 Lab File: BF129521.D
 Acq: 02 Aug 2022 22:41

Tgt Ion:112 Resp: 940587
 Ion Ratio Lower Upper
 112 100
 64 62.3 53.3 79.9
 63 31.9 28.0 42.0

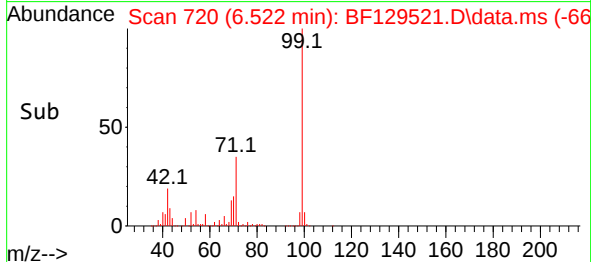
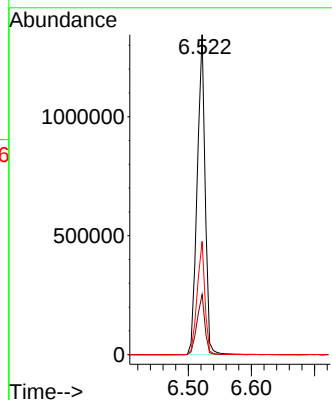
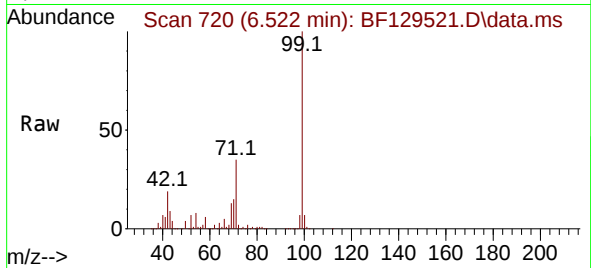




#7
Phenol-d6
Concen: 100.670 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129521.D
Acq: 02 Aug 2022 22:41

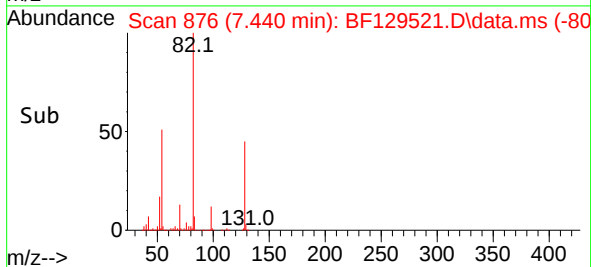
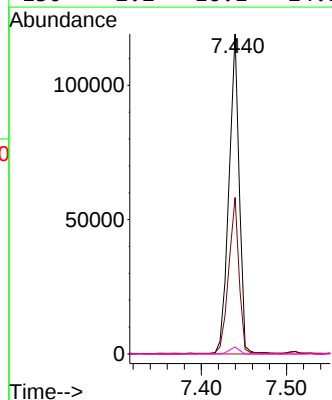
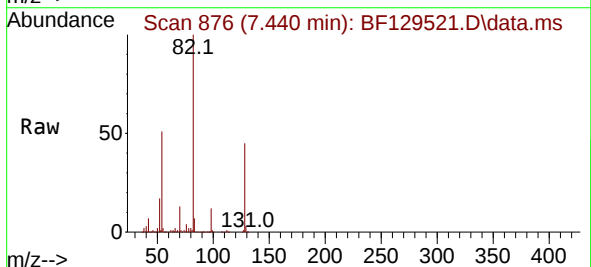
Instrument :
BNA_F
ClientSampleId :
RVE-86

Tgt Ion: 99 Resp: 1177141
Ion Ratio Lower Upper
99 100
42 18.8 17.3 25.9
71 35.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.220 ng
RT: 7.440 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129521.D
Acq: 02 Aug 2022 22:41

Tgt Ion: 70 Resp: 100662
Ion Ratio Lower Upper
70 100
42 48.9 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#



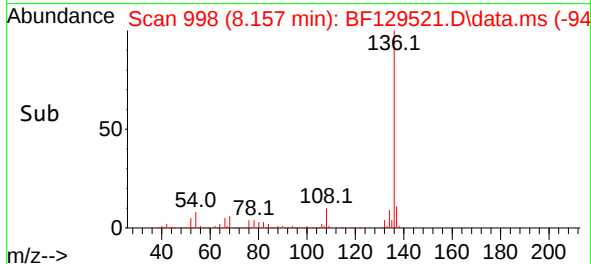
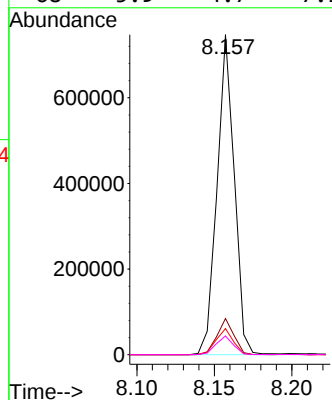
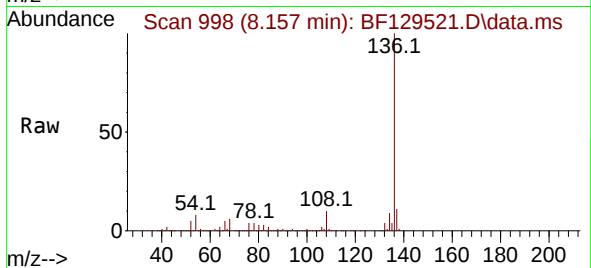


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129521.D
Acq: 02 Aug 2022 22:41

Instrument :
BNA_F
ClientSampleId :
RVE-86

Tgt Ion:136 Resp: 578579

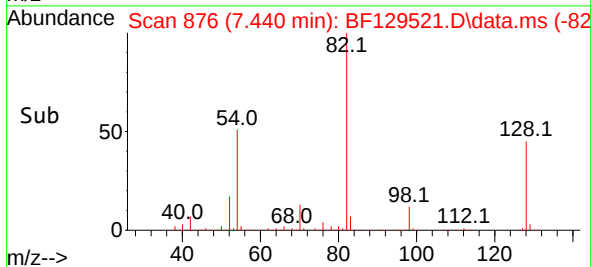
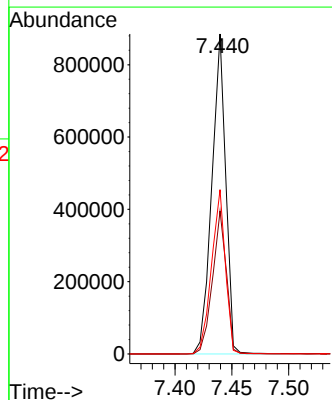
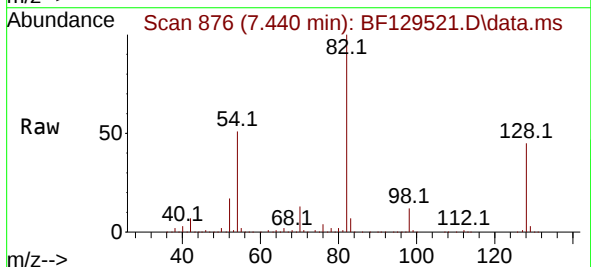
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.2	7.5	11.3
68	5.9	4.7	7.1



#23
Nitrobenzene-d5
Concen: 70.889 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129521.D
Acq: 02 Aug 2022 22:41

Tgt Ion: 82 Resp: 751349

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.0	51.0
54	51.3	46.9	70.3

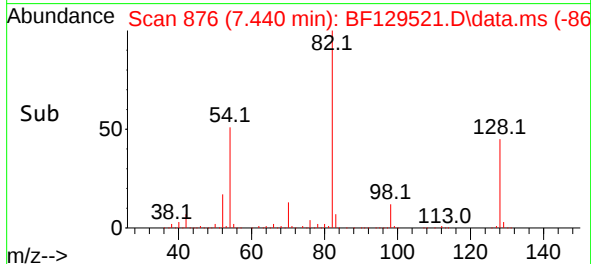
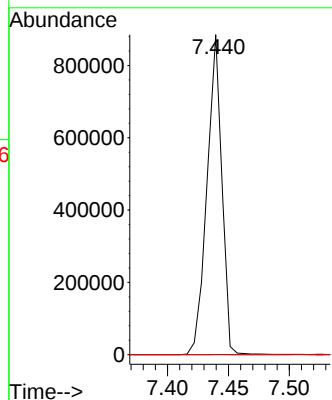
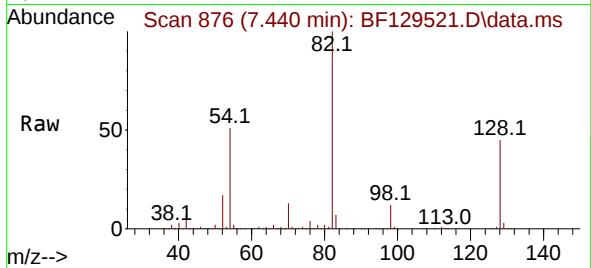




#25
Isophorone
Concen: 39.547 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129521.D
Acq: 02 Aug 2022 22:41

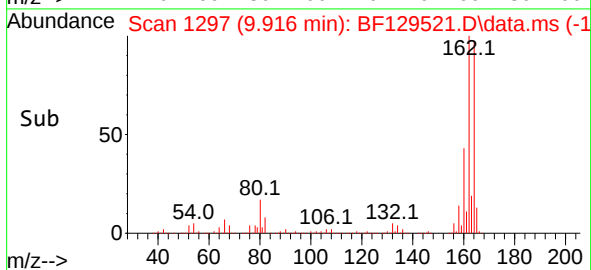
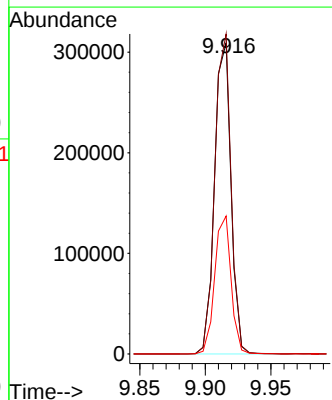
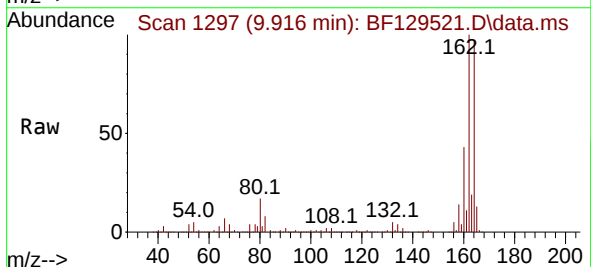
Instrument :
BNA_F
ClientSampleId :
RVE-86

Tgt Ion: 82 Resp: 751339
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: 9.916 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BF129521.D
Acq: 02 Aug 2022 22:41

Tgt Ion:164 Resp: 269562
Ion Ratio Lower Upper
164 100
162 102.9 79.5 119.3
160 44.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 89.230 ng

RT: 10.710 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF129521.D

Acq: 02 Aug 2022 22:41

Instrument :

BNA_F

ClientSampleId :

RVE-86

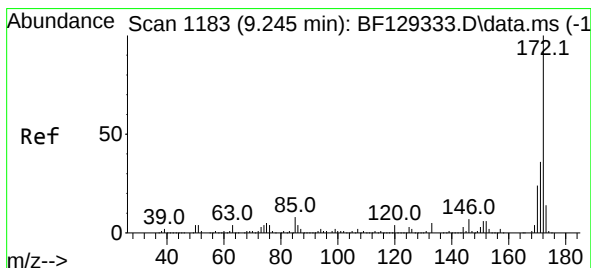
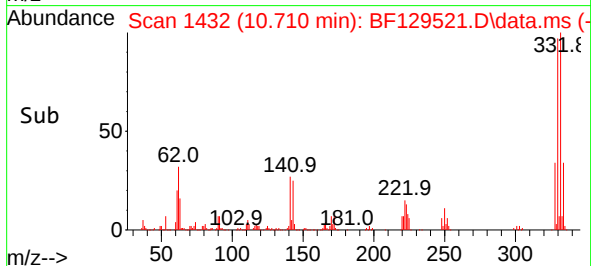
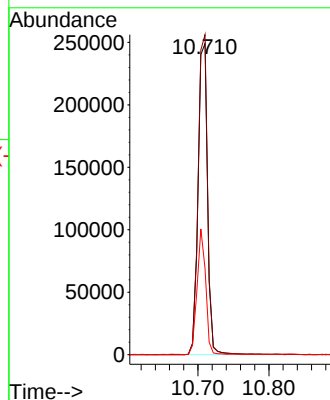
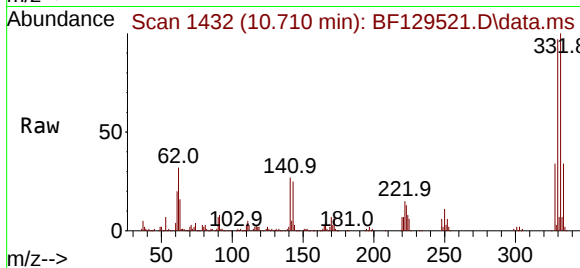
Tgt Ion:330 Resp: 231253

Ion Ratio Lower Upper

330 100

332 102.4 76.8 115.2

141 36.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 74.370 ng

RT: 9.234 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF129521.D

Acq: 02 Aug 2022 22:41

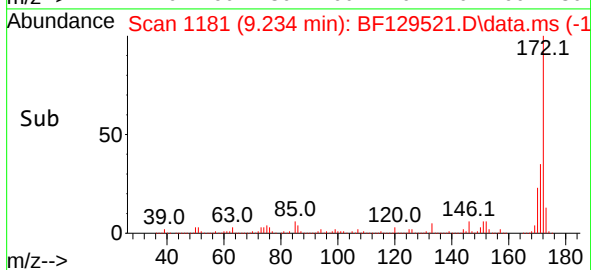
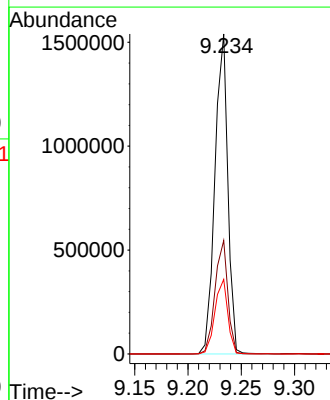
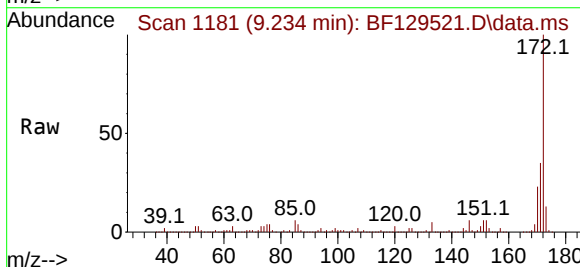
Tgt Ion:172 Resp: 1295922

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.3 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.435 ng

RT: 9.916 min Scan# 1297

Delta R.T. 0.212 min

Lab File: BF129521.D

Acq: 02 Aug 2022 22:41

Instrument :

BNA_F

ClientSampleId :

RVE-86

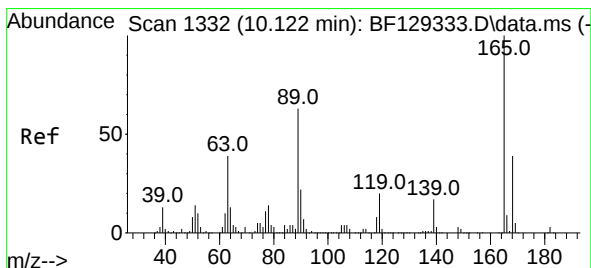
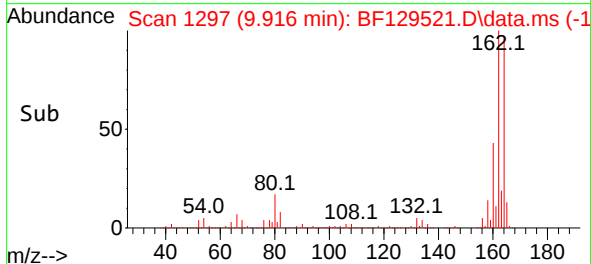
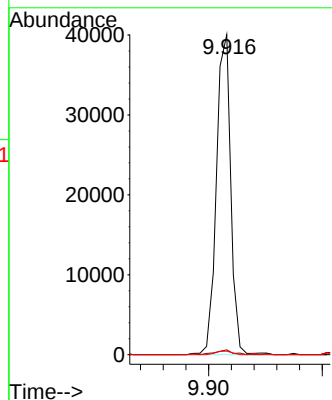
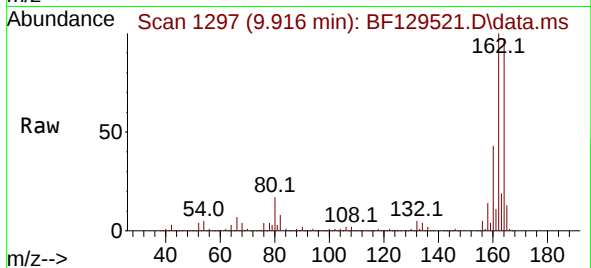
Tgt Ion:165 Resp: 35130

Ion Ratio Lower Upper

165 100

63 1.5 44.9 67.3#

89 1.1 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.457 ng

RT: 9.916 min Scan# 1297

Delta R.T. -0.194 min

Lab File: BF129521.D

Acq: 02 Aug 2022 22:41

Tgt Ion:165 Resp: 35130

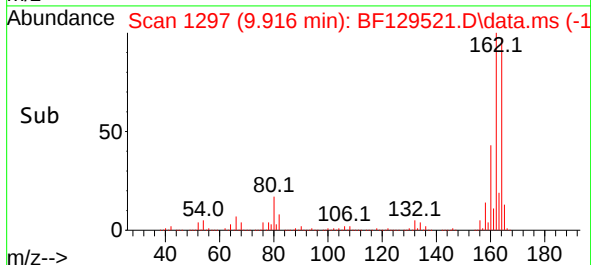
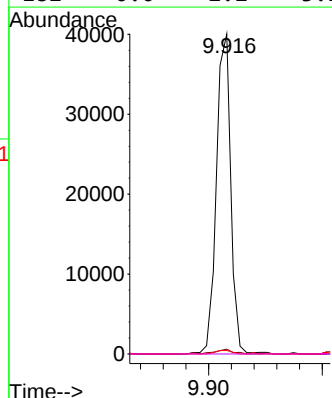
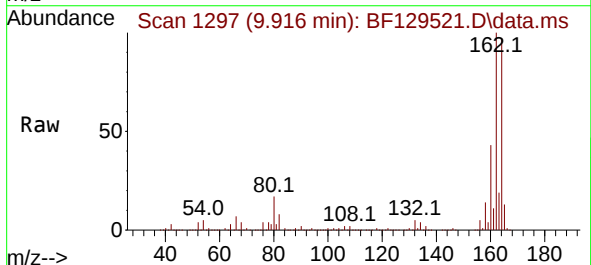
Ion Ratio Lower Upper

165 100

63 1.5 39.8 59.6#

89 1.1 60.2 90.2#

182 0.0 2.2 3.2#

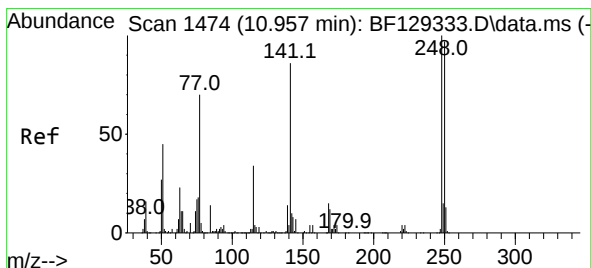
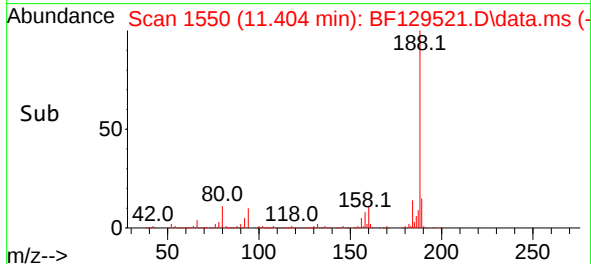
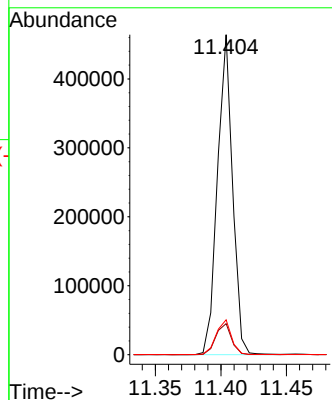
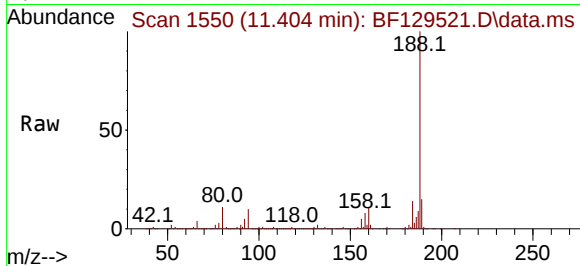




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129521.D
Acq: 02 Aug 2022 22:41

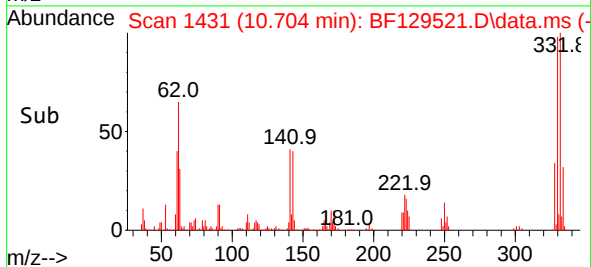
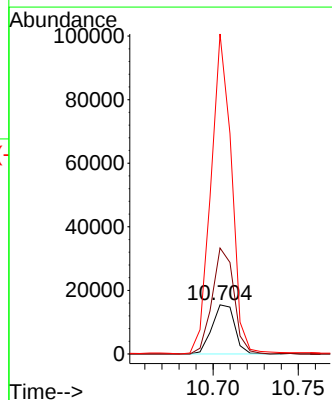
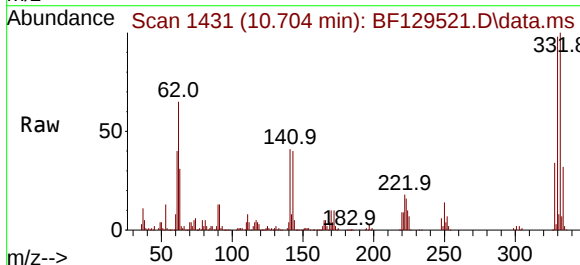
Instrument :
BNA_F
ClientSampleId :
RVE-86

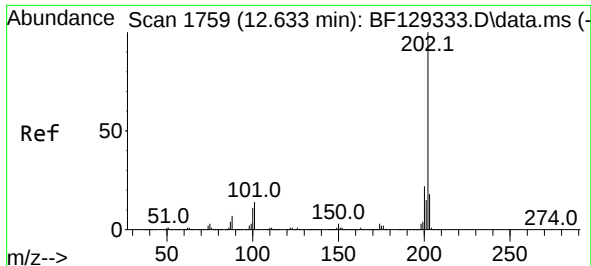
Tgt Ion:188 Resp: 370877
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.9 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.534 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.241 min
Lab File: BF129521.D
Acq: 02 Aug 2022 22:41

Tgt Ion:248 Resp: 14351
Ion Ratio Lower Upper
248 100
250 215.9 80.6 120.8#
141 652.1 58.9 88.3#

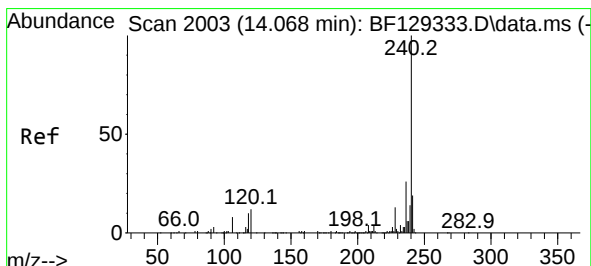
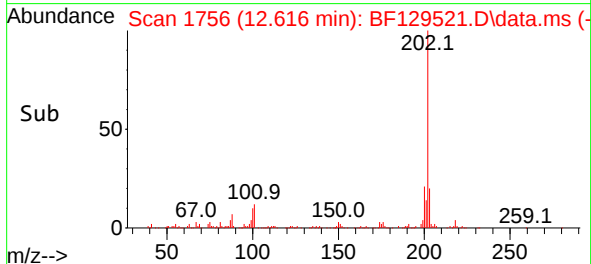
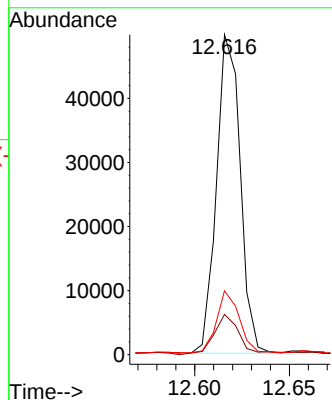
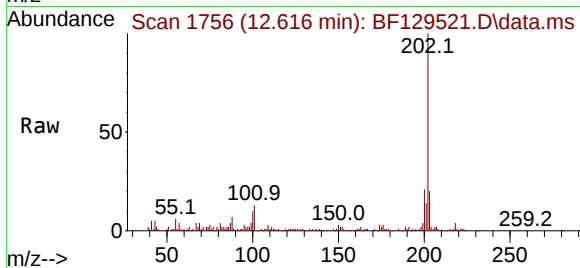




#75
Fluoranthene
Concen: 2.114 ng
RT: 12.616 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BF129521.D
Acq: 02 Aug 2022 22:41

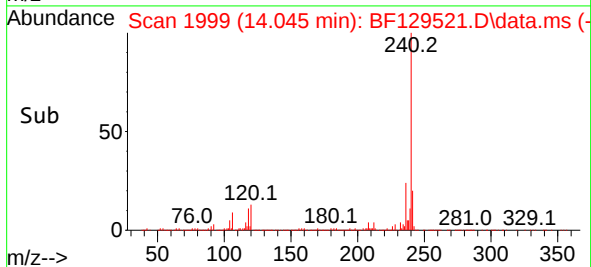
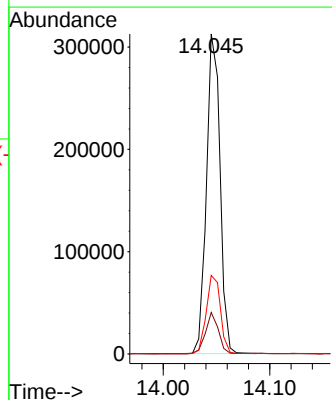
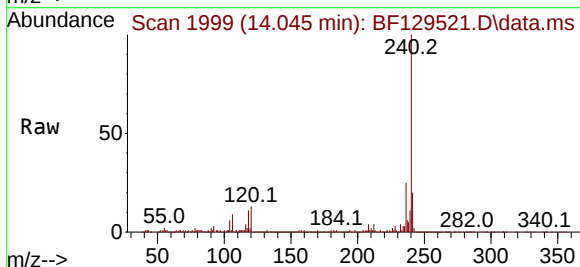
Instrument :
BNA_F
ClientSampleId :
RVE-86

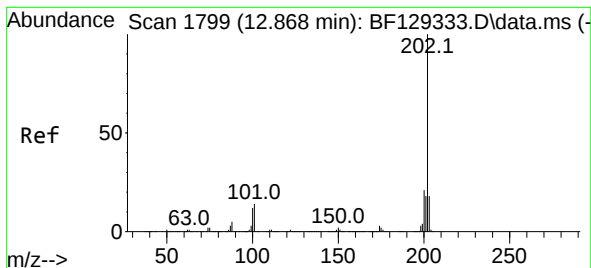
Tgt Ion:202 Resp: 43366
Ion Ratio Lower Upper
202 100
101 12.6 0.0 31.4
203 20.0 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF129521.D
Acq: 02 Aug 2022 22:41

Tgt Ion:240 Resp: 278028
Ion Ratio Lower Upper
240 100
120 13.0 8.9 13.3
236 24.5 20.8 31.2





#78

Pyrene

Concen: 2.807 ng

RT: 12.845 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129521.D

Acq: 02 Aug 2022 22:41

Instrument :

BNA_F

ClientSampleId :

RVE-86

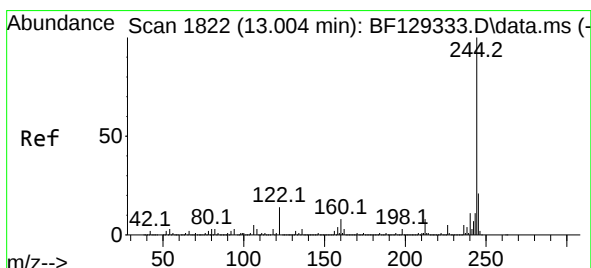
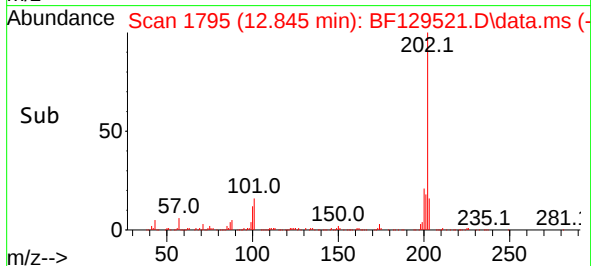
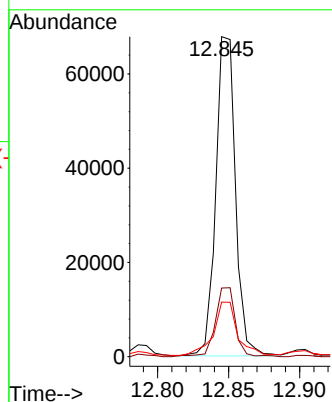
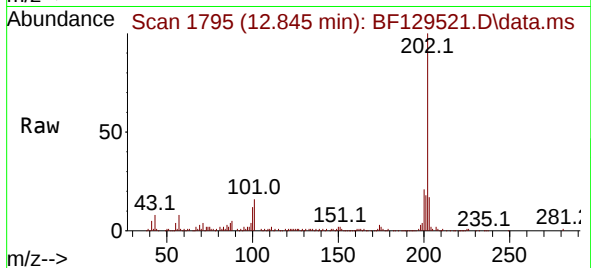
Tgt Ion:202 Resp: 65250

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

203 17.1 14.6 21.8



#79

Terphenyl-d14

Concen: 67.133 ng

RT: 12.986 min Scan# 1819

Delta R.T. 0.000 min

Lab File: BF129521.D

Acq: 02 Aug 2022 22:41

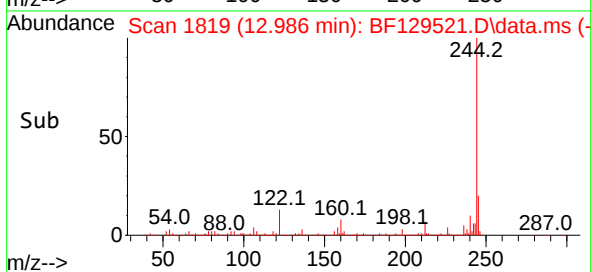
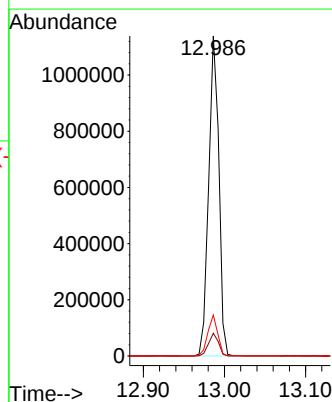
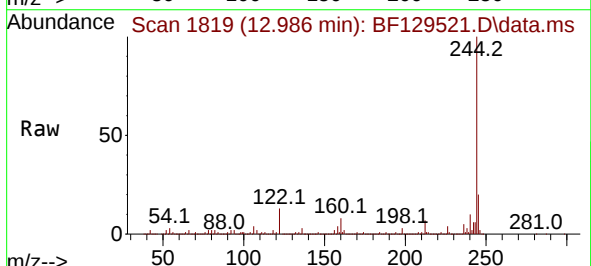
Tgt Ion:244 Resp: 989354

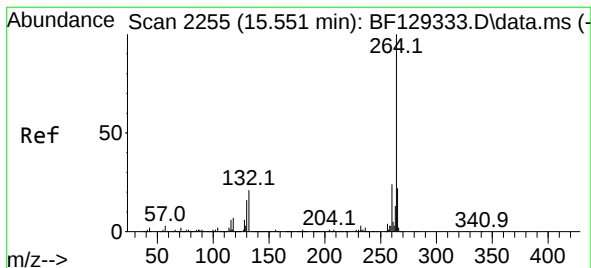
Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 12.8 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2177

Delta R.T. 0.006 min

Lab File: BF129521.D

Acq: 02 Aug 2022 22:41

Instrument :

BNA_F

ClientSampleId :

RVE-86

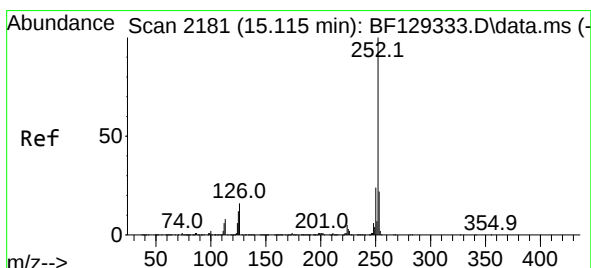
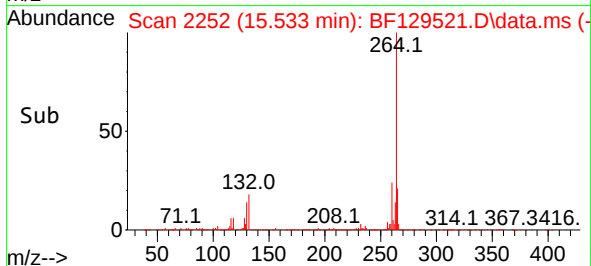
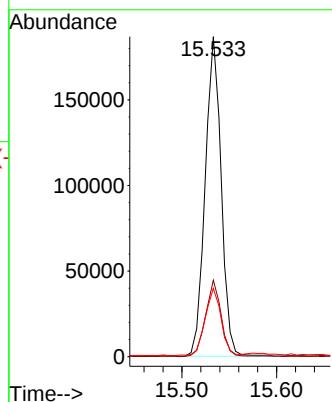
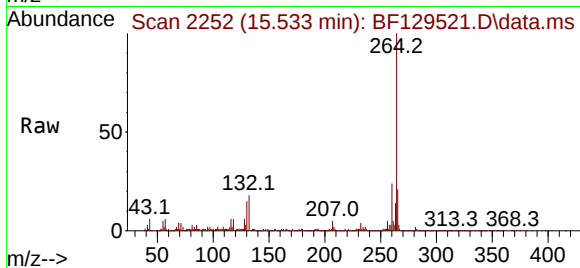
Tgt Ion:264 Resp: 218303

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 21.3 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 2.596 ng

RT: 15.092 min Scan# 2177

Delta R.T. 0.000 min

Lab File: BF129521.D

Acq: 02 Aug 2022 22:41

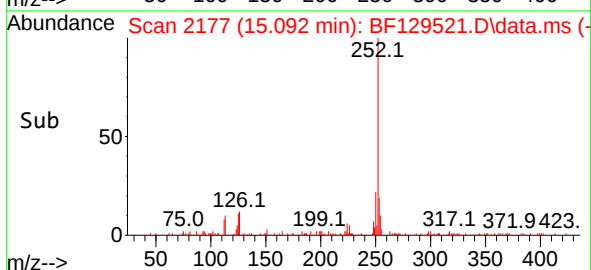
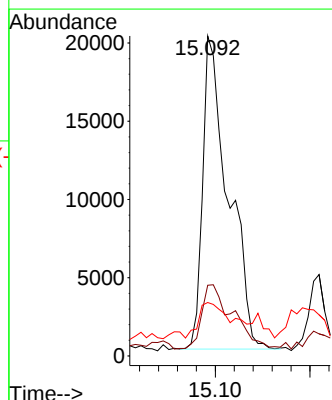
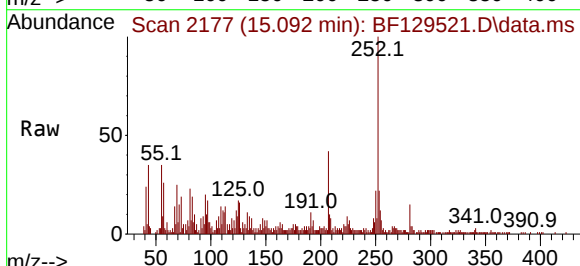
Tgt Ion:252 Resp: 37587

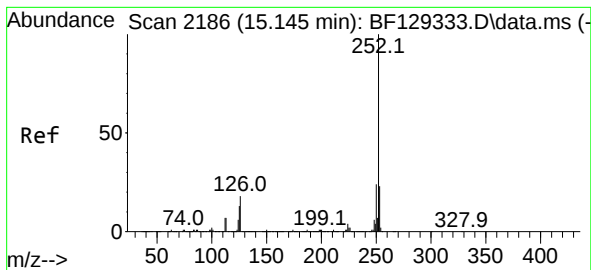
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 16.7 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 2.649 ng

RT: 15.092 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF129521.D

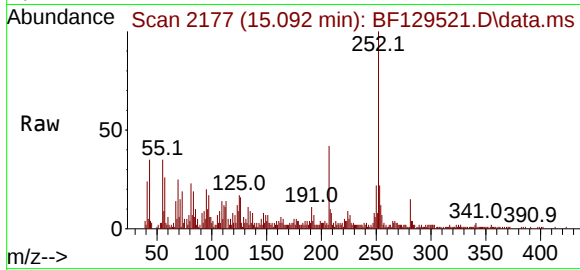
Acq: 02 Aug 2022 22:41

Instrument :

BNA_F

ClientSampleId :

RVE-86



Tgt Ion:252 Resp: 37587

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 16.7 8.3 12.5#

