

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129588.D
 Acq On : 05 Aug 2022 01:26
 Operator : CG\JU
 Sample : N3931-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-125

Quant Time: Aug 05 02:11:04 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)

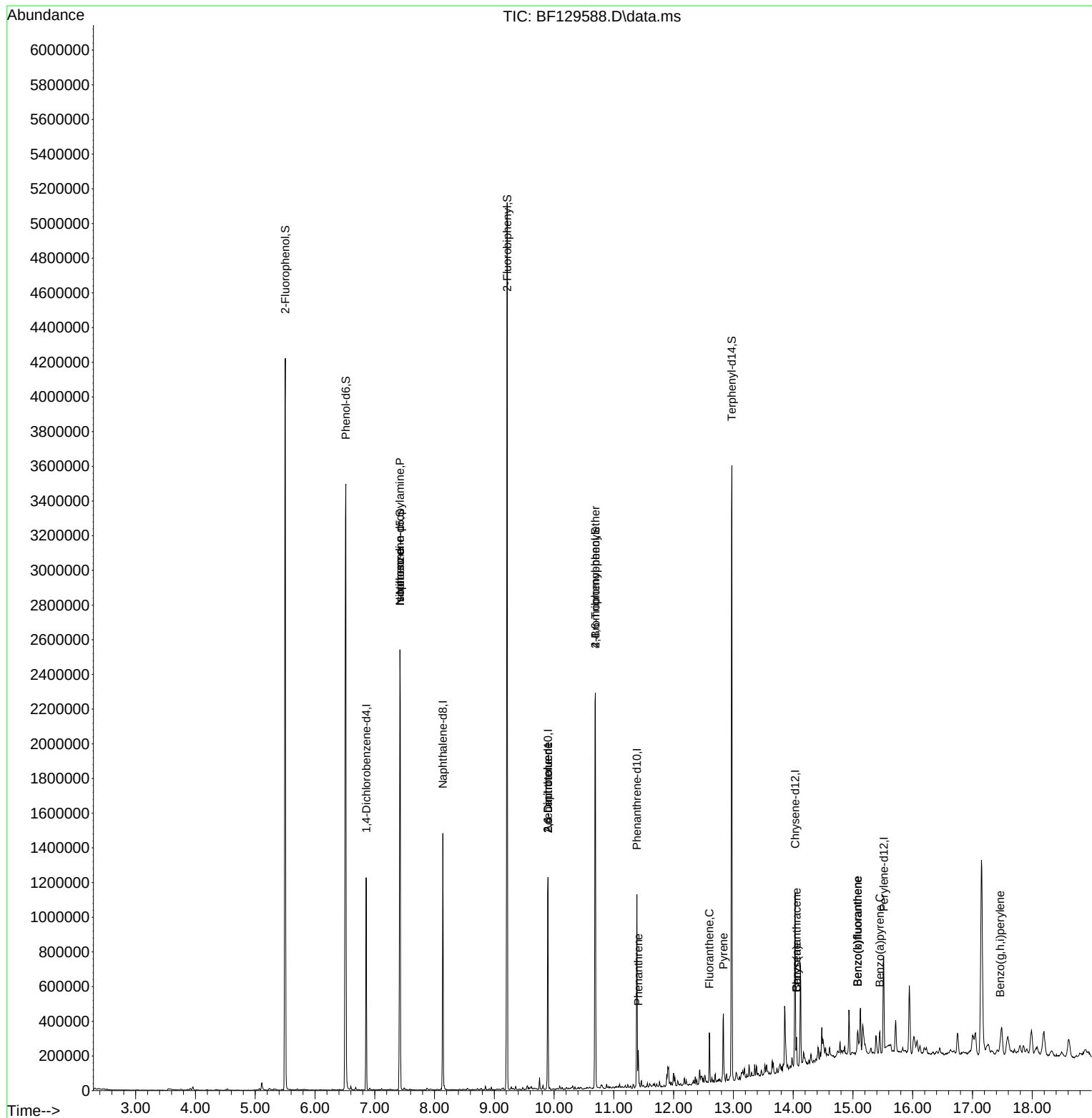
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	161829	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	579903	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	253278	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	357154	20.000	ng	0.00
76) Chrysene-d12	14.033	240	296141	20.000	ng	0.00
86) Perylene-d12	15.515	264	241599	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1178188	118.598	ng	0.01
7) Phenol-d6	6.516	99	1448430	115.997	ng	0.00
23) Nitrobenzene-d5	7.422	82	888264	83.616	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	272728	112.000	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1455053	88.870	ng	0.00
79) Terphenyl-d14	12.974	244	1204890	76.758	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.422	70	119368	15.791	ng	# 73
25) Isophorone	7.422	82	884095	46.429	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	32833	8.390	ng	# 25
57) 2,4-Dinitrotoluene	9.898	165	32833	6.422	ng	# 21
67) 4-Bromophenyl-phenylether	10.692	248	16613	4.248	ng	# 1
71) Phenanthrene	11.410	178	66329	3.402	ng	98
75) Fluoranthene	12.598	202	103738	5.252	ng	96
78) Pyrene	12.833	202	147148	5.942	ng	98
81) Benzo(a)anthracene	14.057	228	59870	2.960	ng	95
83) Chrysene	14.057	228	59870	3.140	ng	98
88) Benzo(b)fluoranthene	15.080	252	87052	5.432	ng	# 97
89) Benzo(k)fluoranthene	15.080	252	87052	5.543	ng	# 97
90) Benzo(a)pyrene	15.451	252	50579	3.888	ng	# 97
92) Benzo(g,h,i)perylene	17.462	276	36604	2.705	ng	# 94

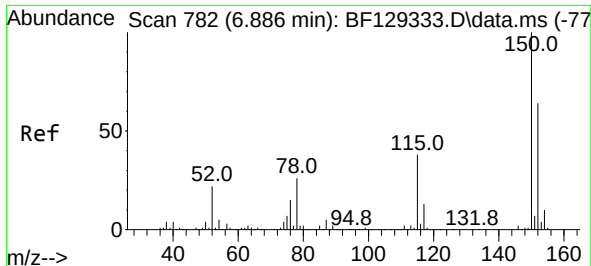
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
Data File : BF129588.D
Acq On : 05 Aug 2022 01:26
Operator : CG\JU
Sample : N3931-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-125

Quant Time: Aug 05 02:11:04 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

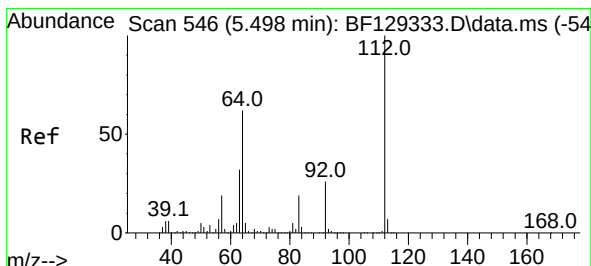
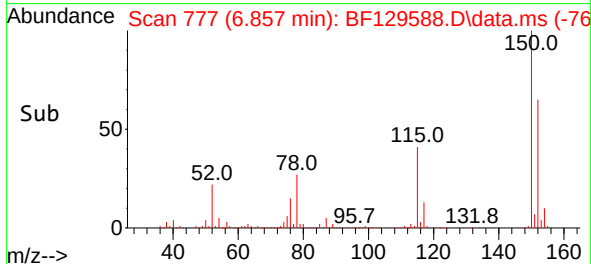
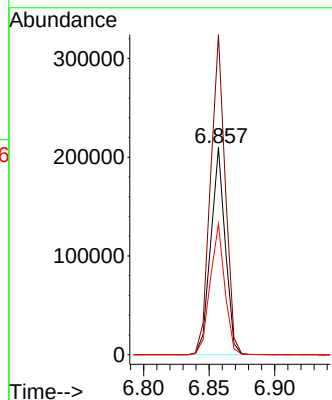
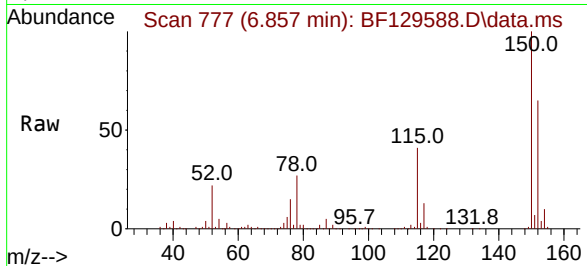




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

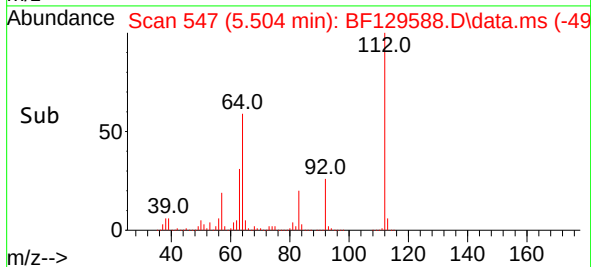
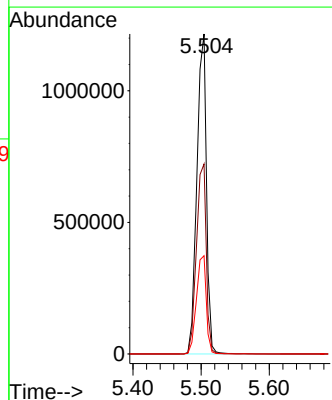
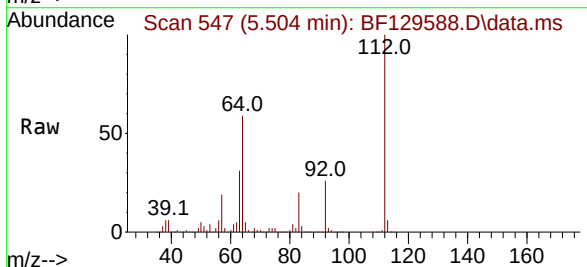
Instrument :
BNA_F
ClientSampleId :
RVE-125

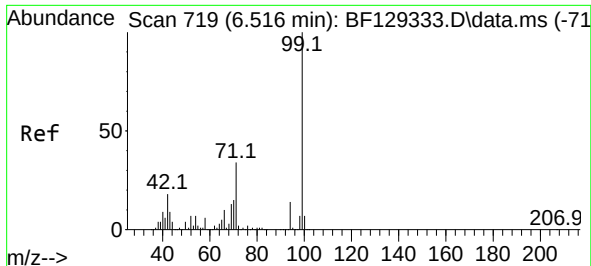
Tgt Ion:152 Resp: 161829
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 63.1 49.9 74.9



#5
2-Fluorophenol
Concen: 118.598 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.012 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

Tgt Ion:112 Resp: 1178188
Ion Ratio Lower Upper
112 100
64 59.3 53.3 79.9
63 30.7 28.0 42.0

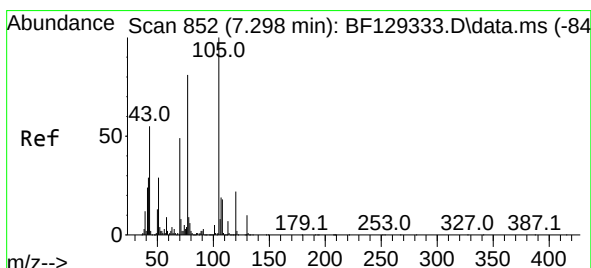
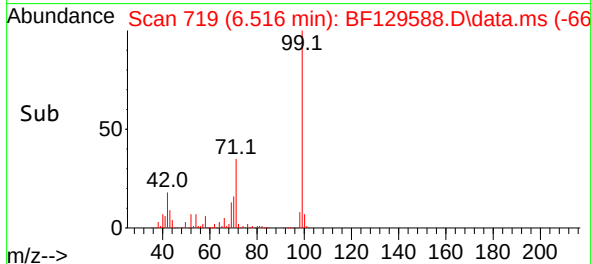
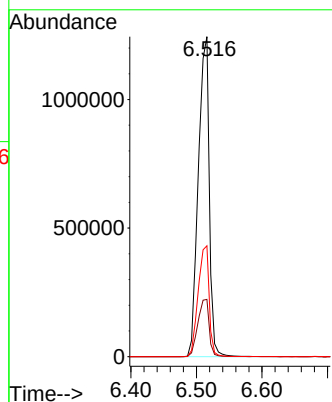
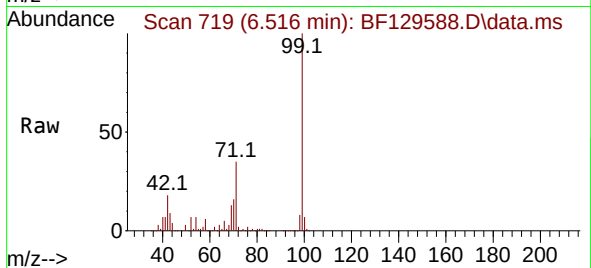




#7
Phenol-d6
Concen: 115.997 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

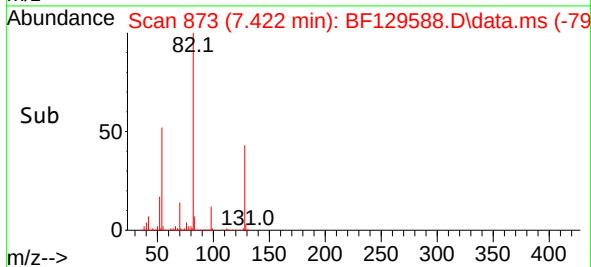
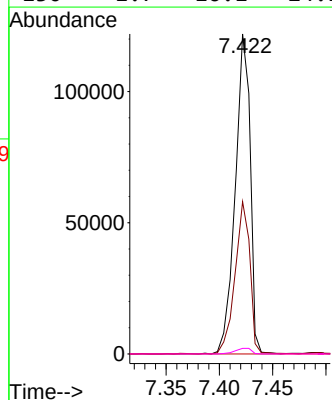
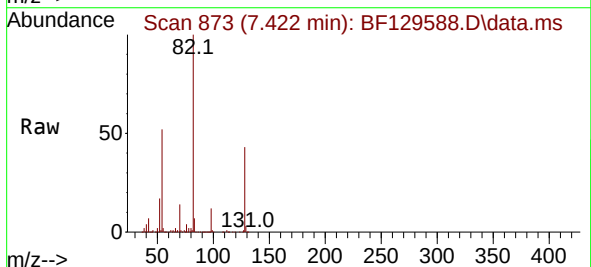
Instrument :
BNA_F
ClientSampleId :
RVE-125

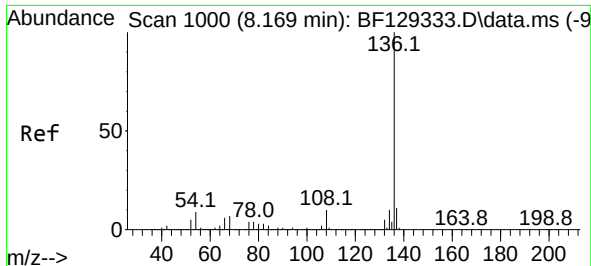
Tgt Ion: 99 Resp: 1448430
Ion Ratio Lower Upper
99 100
42 17.9 17.3 25.9
71 34.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.791 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.141 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

Tgt Ion: 70 Resp: 119368
Ion Ratio Lower Upper
70 100
42 47.6 52.3 78.5#
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#



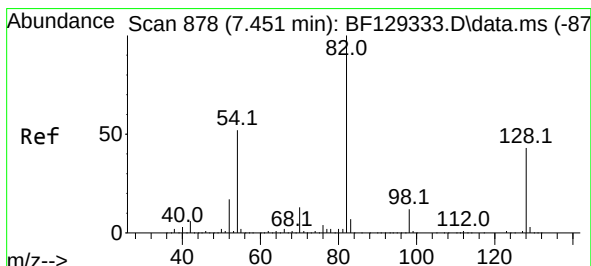
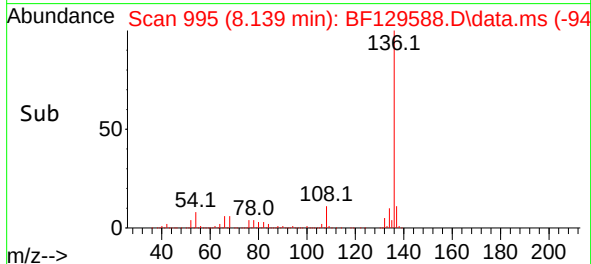
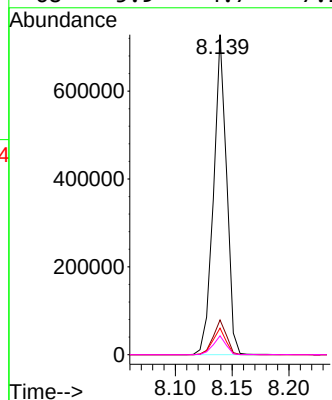
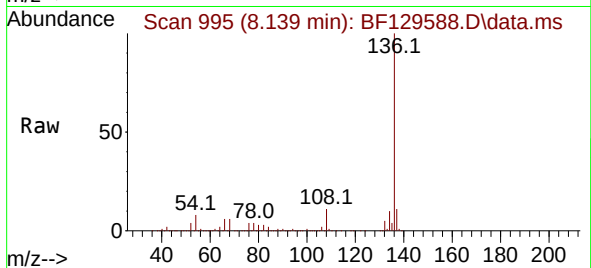


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

Instrument :
BNA_F
ClientSampleId :
RVE-125

Tgt Ion:136 Resp: 579903

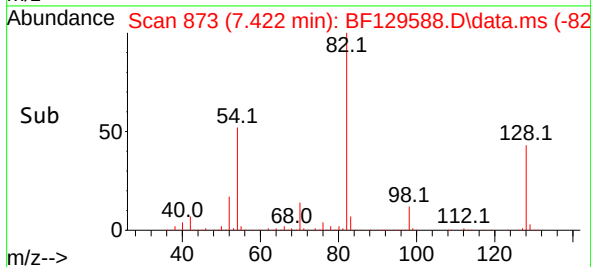
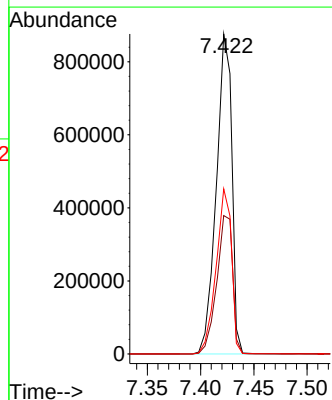
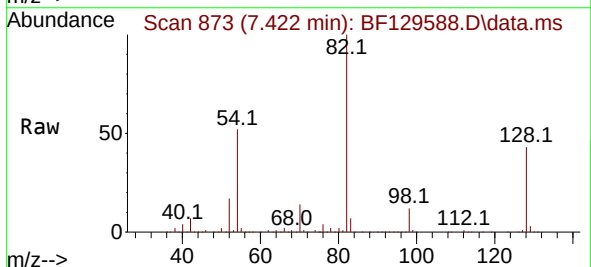
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.3	7.5	11.3
68	5.9	4.7	7.1

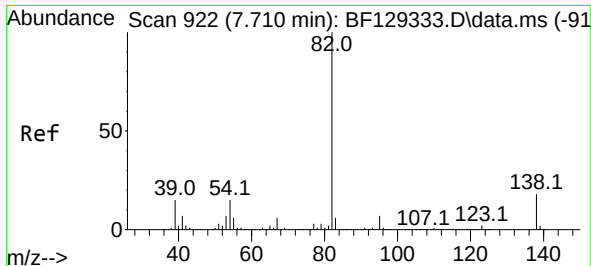


#23
Nitrobenzene-d5
Concen: 83.616 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

Tgt Ion: 82 Resp: 888264

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.0	51.0
54	51.6	46.9	70.3

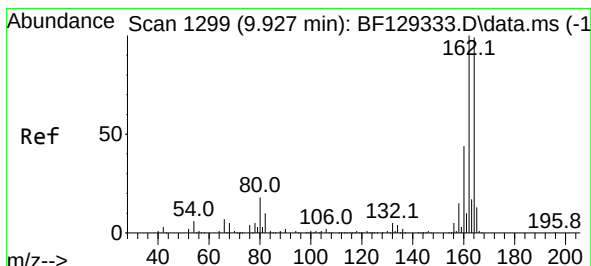
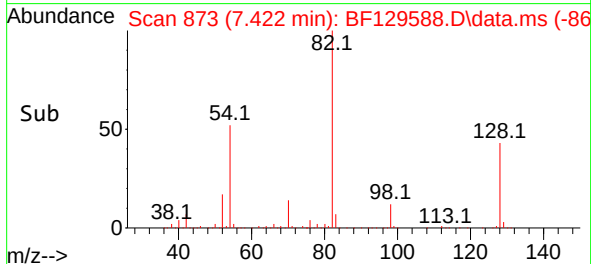
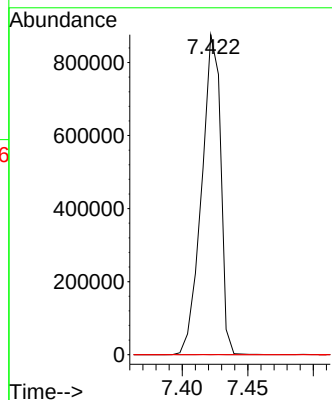
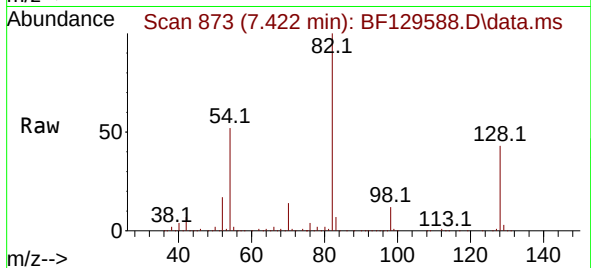




#25
Isophorone
Concen: 46.429 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

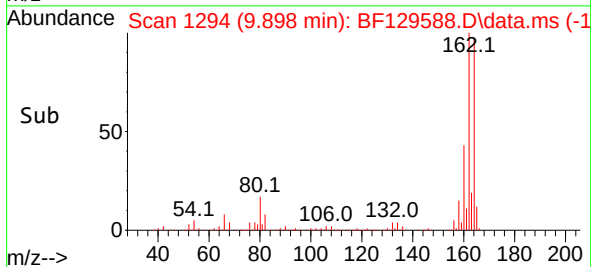
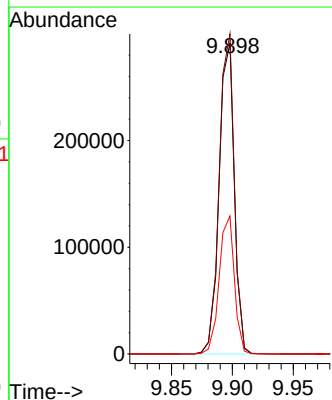
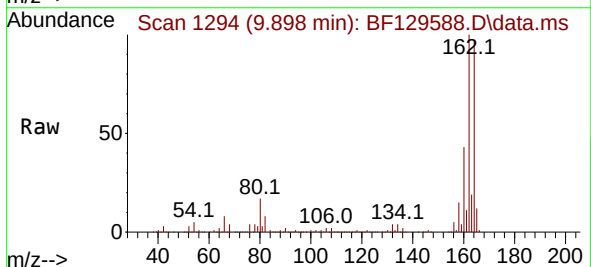
Instrument :
BNA_F
ClientSampleId :
RVE-125

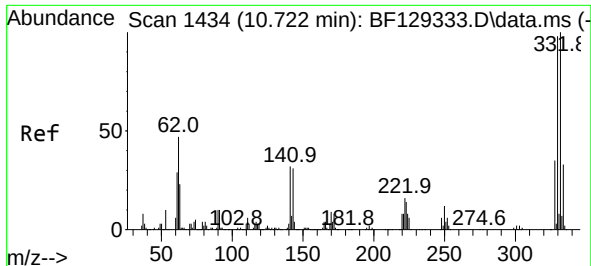
Tgt Ion: 82 Resp: 884095
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

Tgt Ion:164 Resp: 253278
Ion Ratio Lower Upper
164 100
162 103.0 79.5 119.3
160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 112.000 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF129588.D

Acq: 05 Aug 2022 01:26

Instrument :

BNA_F

ClientSampleId :

RVE-125

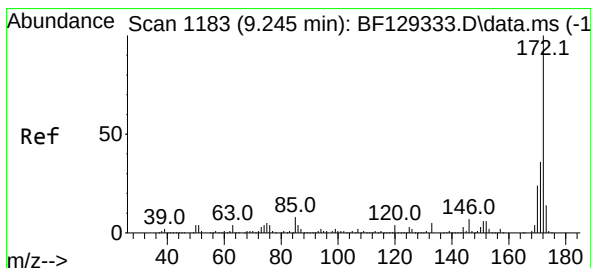
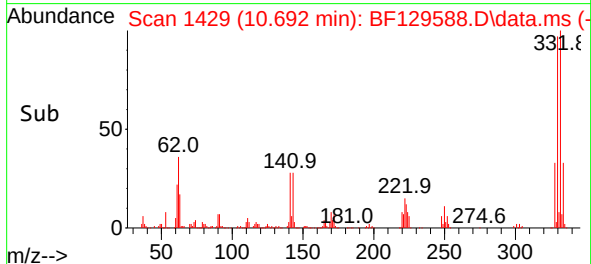
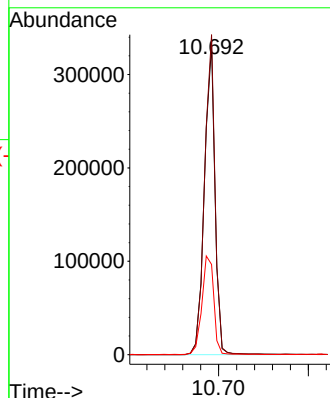
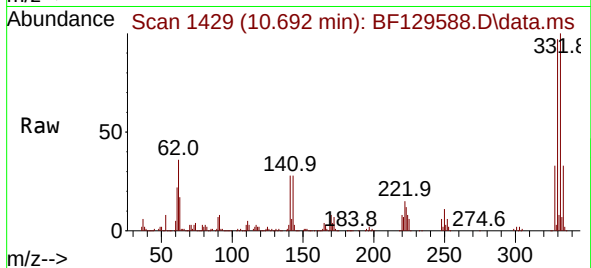
Tgt Ion:330 Resp: 272728

Ion Ratio Lower Upper

330 100

332 101.8 76.8 115.2

141 35.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 88.870 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF129588.D

Acq: 05 Aug 2022 01:26

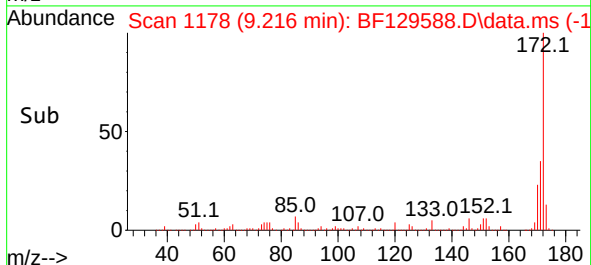
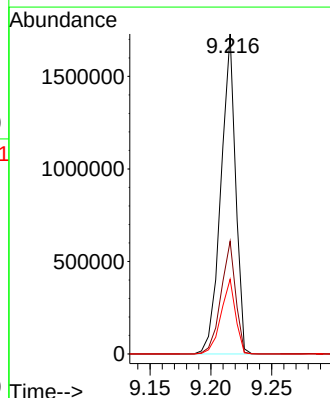
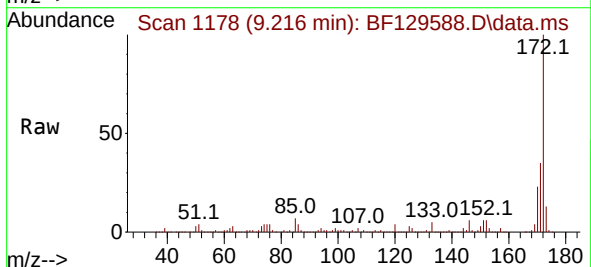
Tgt Ion:172 Resp: 1455053

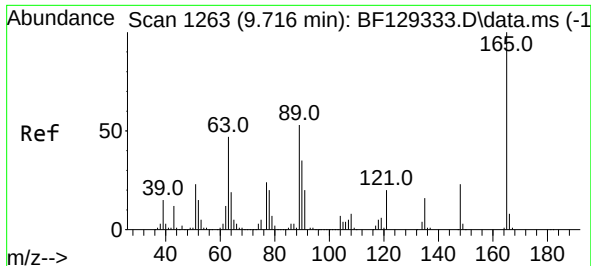
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.390 ng

RT: 9.898 min Scan# 1294

Delta R.T. 0.206 min

Lab File: BF129588.D

Acq: 05 Aug 2022 01:26

Instrument :

BNA_F

ClientSampleId :

RVE-125

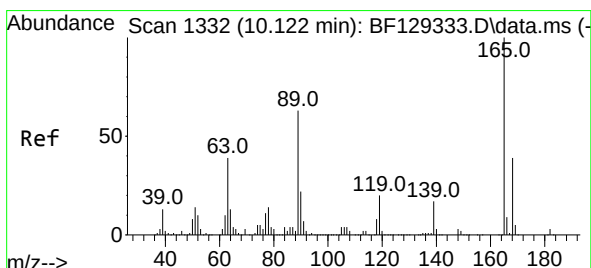
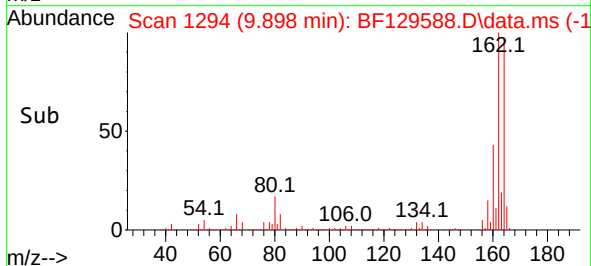
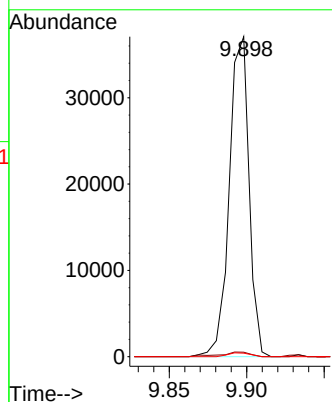
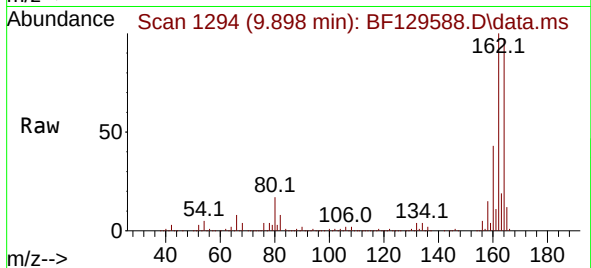
Tgt Ion:165 Resp: 32833

Ion Ratio Lower Upper

165 100

63 1.4 44.9 67.3#

89 1.1 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.422 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.200 min

Lab File: BF129588.D

Acq: 05 Aug 2022 01:26

Tgt Ion:165 Resp: 32833

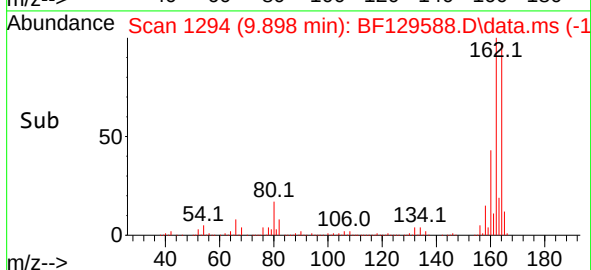
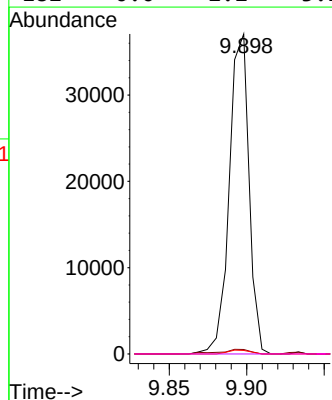
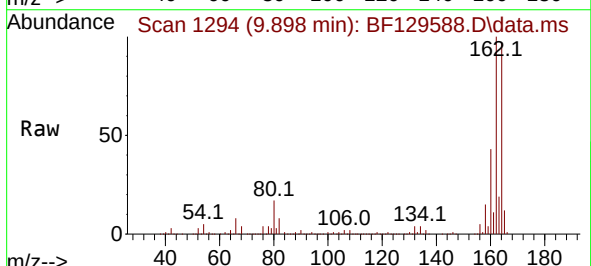
Ion Ratio Lower Upper

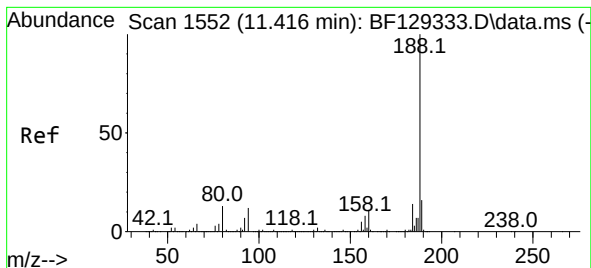
165 100

63 1.4 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: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129588.D

Acq: 05 Aug 2022 01:26

Instrument :

BNA_F

ClientSampleId :

RVE-125

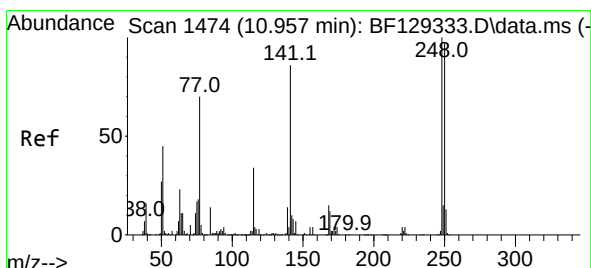
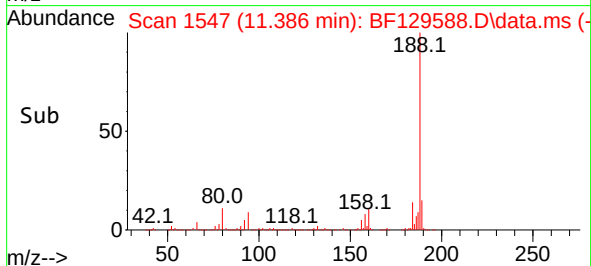
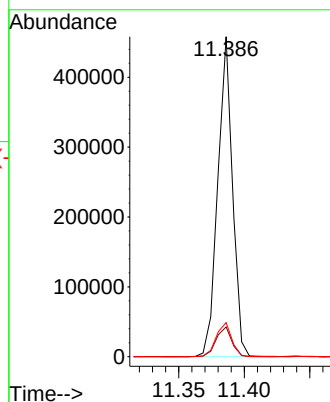
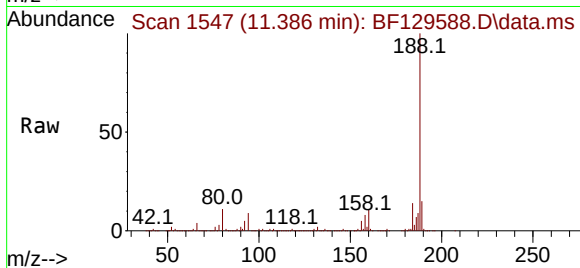
Tgt Ion:188 Resp: 357154

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.6

80 10.7 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.248 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.241 min

Lab File: BF129588.D

Acq: 05 Aug 2022 01:26

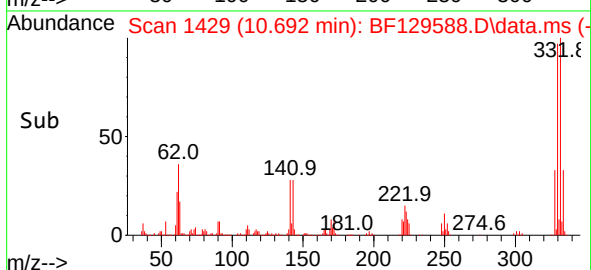
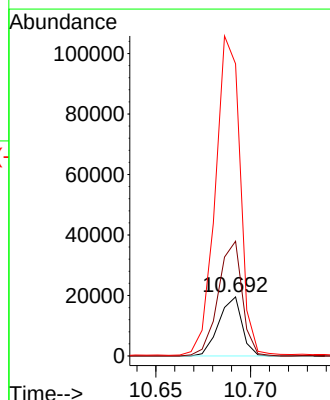
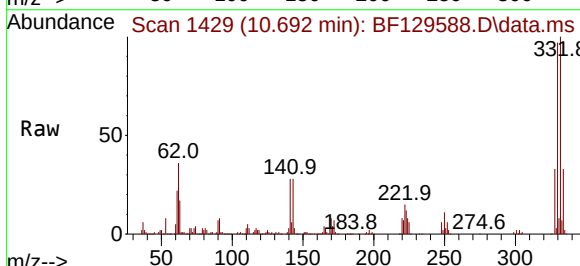
Tgt Ion:248 Resp: 16613

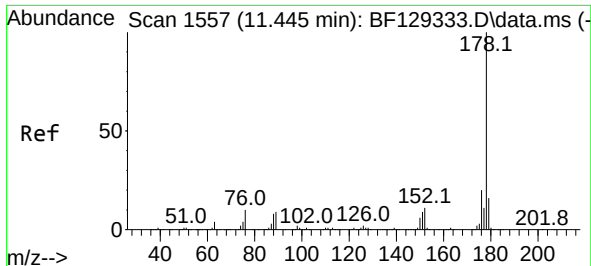
Ion Ratio Lower Upper

248 100

250 194.4 80.6 120.8#

141 495.4 58.9 88.3#

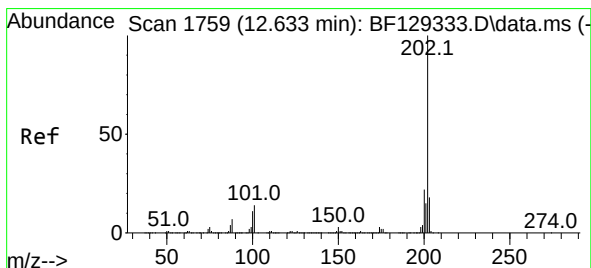
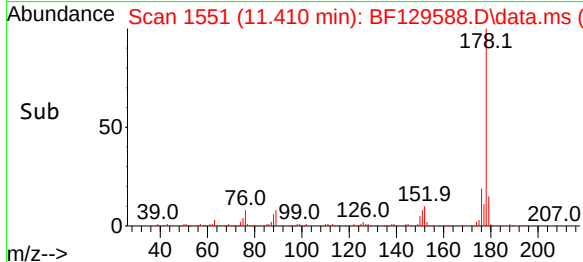
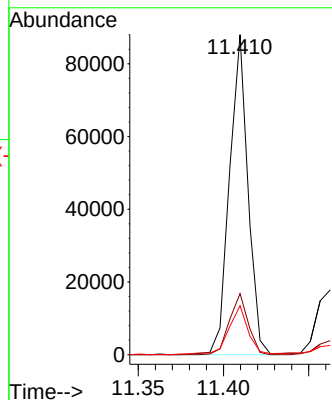
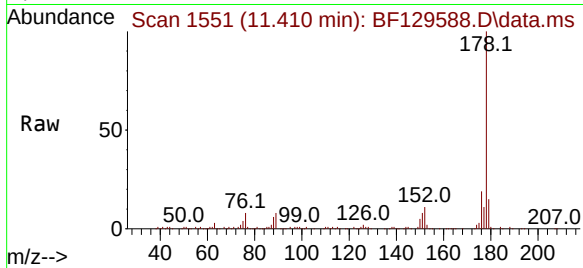




#71
Phenanthrene
Concen: 3.402 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.012 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

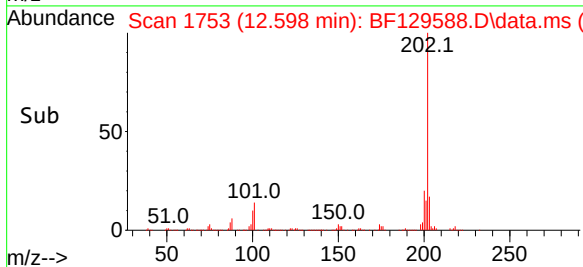
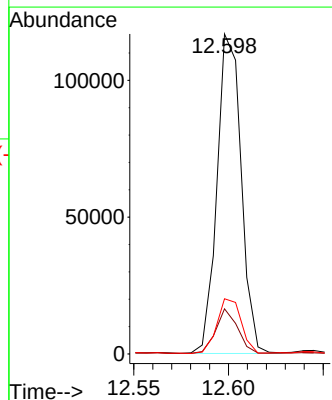
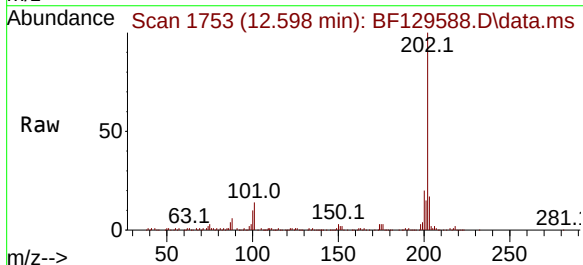
Instrument :
BNA_F
ClientSampleId :
RVE-125

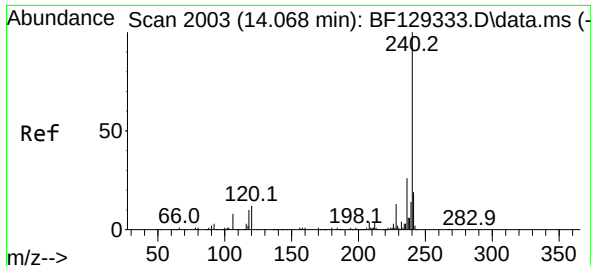
Tgt Ion:178 Resp: 66329
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.3 12.6 19.0



#75
Fluoranthene
Concen: 5.252 ng
RT: 12.598 min Scan# 1753
Delta R.T. -0.012 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

Tgt Ion:202 Resp: 103738
Ion Ratio Lower Upper
202 100
101 14.1 0.0 31.4
203 17.3 0.0 38.0

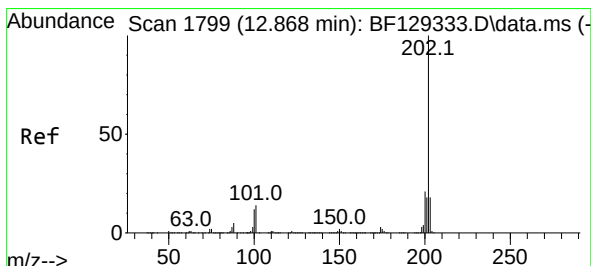
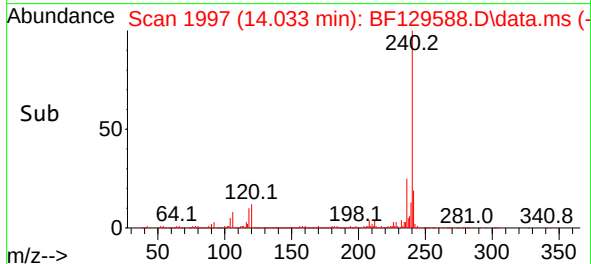
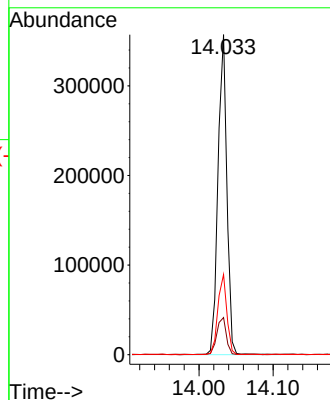
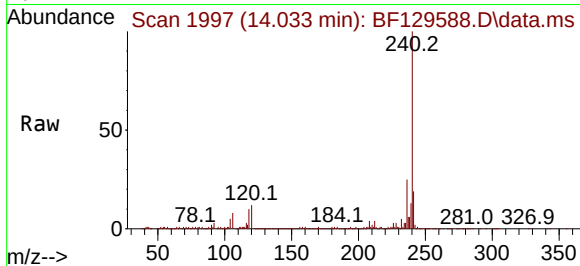




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

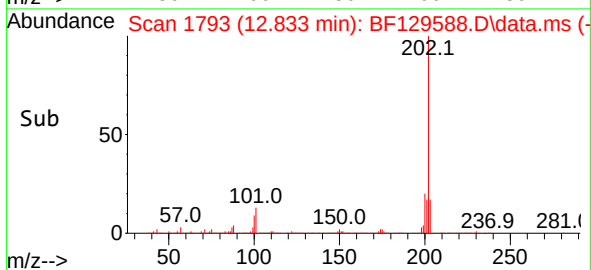
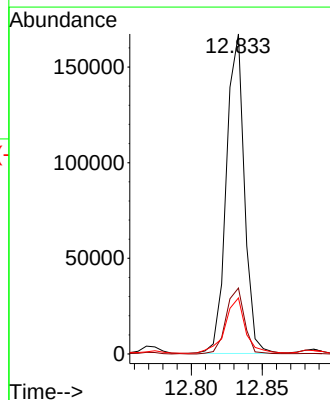
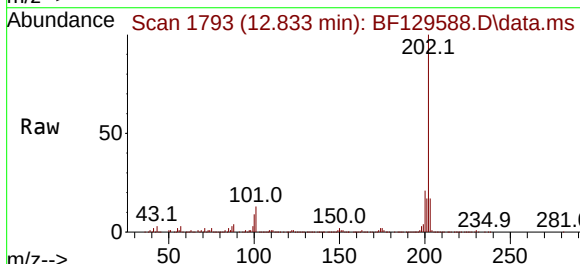
Instrument :
BNA_F
ClientSampleId :
RVE-125

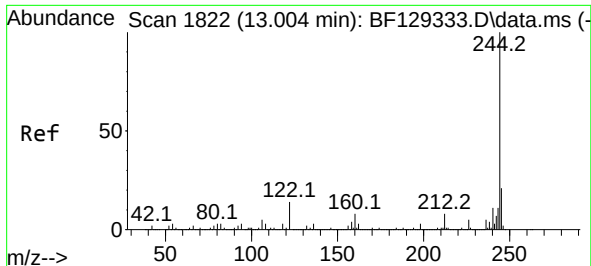
Tgt Ion:240 Resp: 296141
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.1 20.8 31.2



#78
Pyrene
Concen: 5.942 ng
RT: 12.833 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

Tgt Ion:202 Resp: 147148
Ion Ratio Lower Upper
202 100
200 20.6 17.7 26.5
203 17.5 14.6 21.8

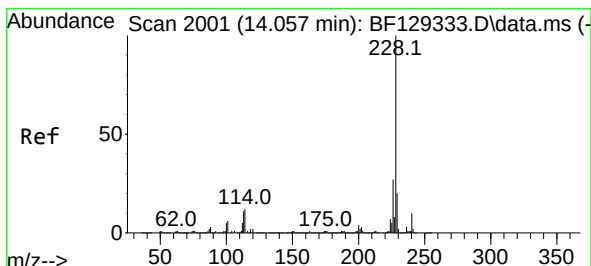
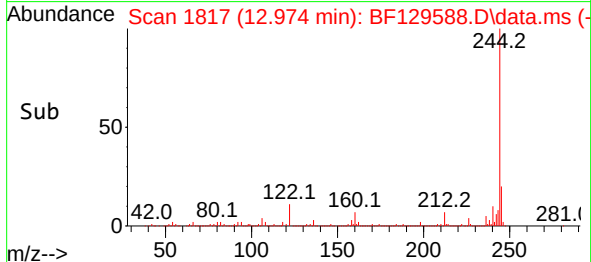
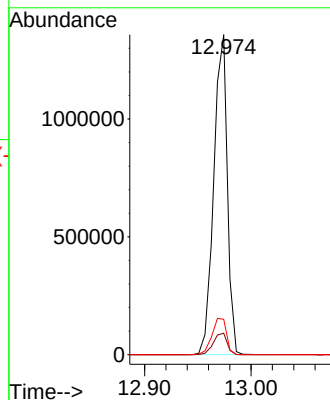
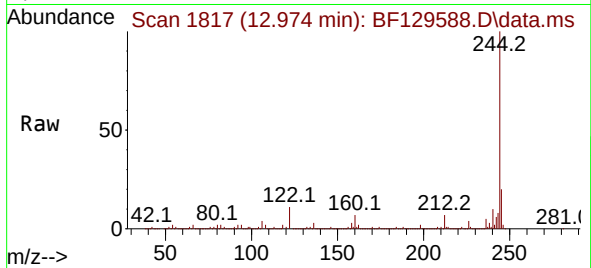




#79
 Terphenyl-d14
 Concen: 76.758 ng
 RT: 12.974 min Scan# 1817
 Delta R.T. -0.006 min
 Lab File: BF129588.D
 Acq: 05 Aug 2022 01:26

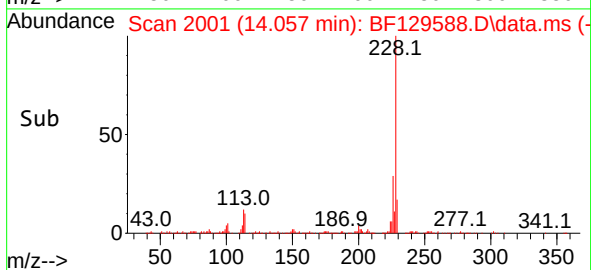
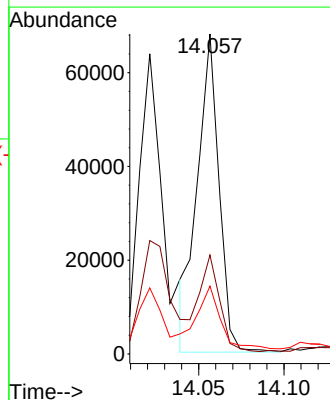
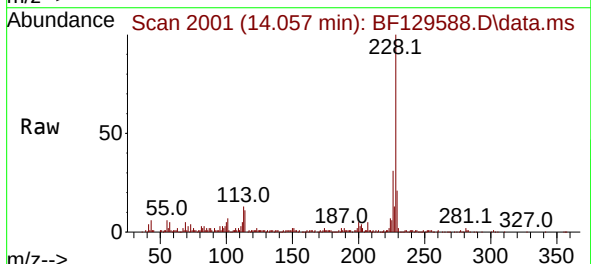
Instrument :
 BNA_F
 ClientSampleId :
 RVE-125

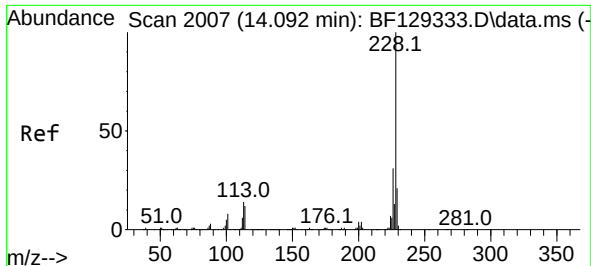
Tgt Ion:244 Resp: 1204890
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 11.1 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 2.960 ng
 RT: 14.057 min Scan# 2001
 Delta R.T. 0.029 min
 Lab File: BF129588.D
 Acq: 05 Aug 2022 01:26

Tgt Ion:228 Resp: 59870
 Ion Ratio Lower Upper
 228 100
 226 30.9 22.1 33.1
 229 21.2 15.8 23.8

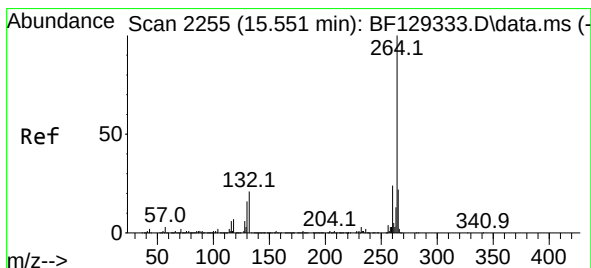
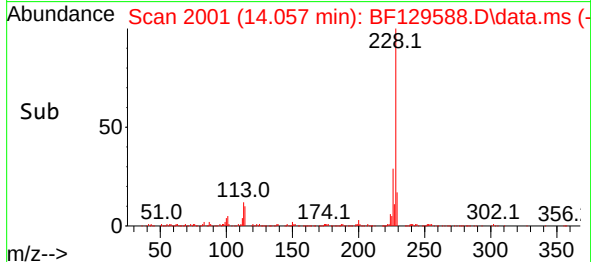
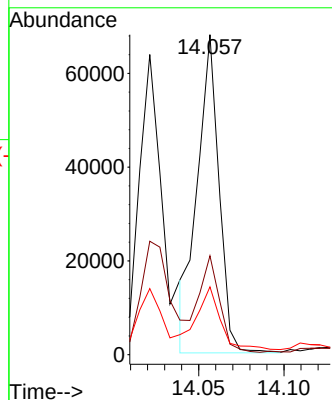
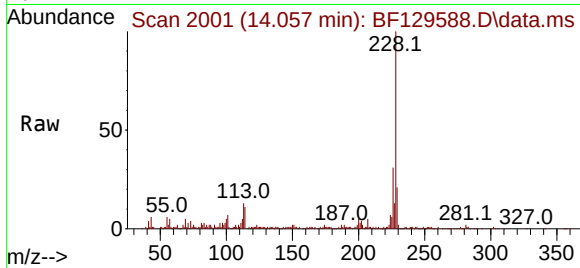




#83
Chrysene
Concen: 3.140 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

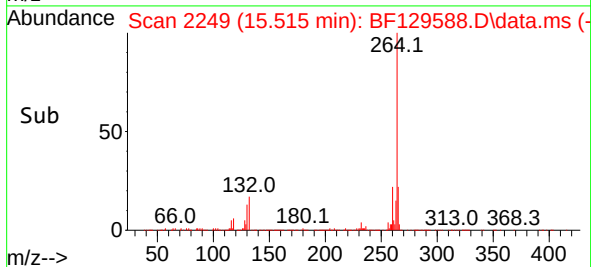
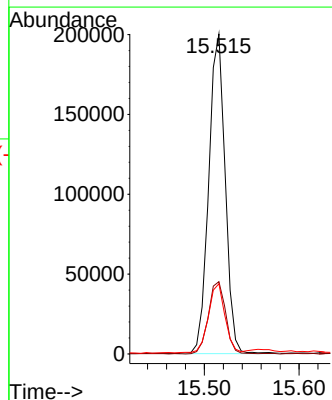
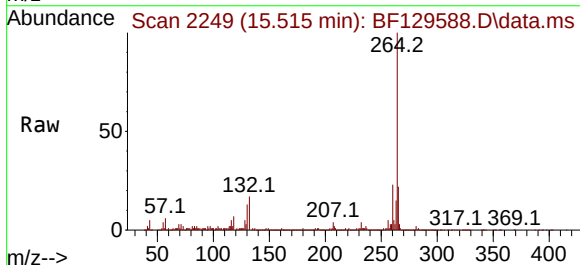
Instrument :
BNA_F
ClientSampleId :
RVE-125

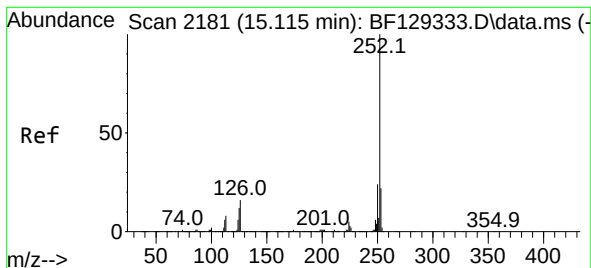
Tgt Ion:228 Resp: 59870
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 21.2 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2249
Delta R.T. -0.000 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

Tgt Ion:264 Resp: 241599
Ion Ratio Lower Upper
264 100
260 22.6 18.4 27.6
265 22.0 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 5.432 ng

RT: 15.080 min Scan# 2175

Delta R.T. -0.006 min

Lab File: BF129588.D

Acq: 05 Aug 2022 01:26

Instrument :

BNA_F

ClientSampleId :

RVE-125

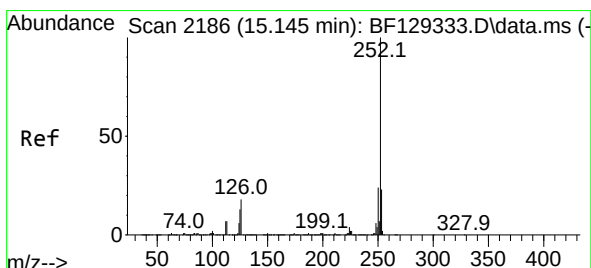
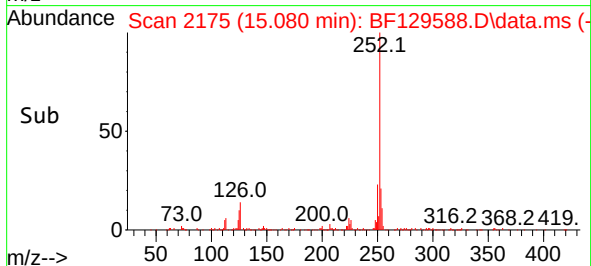
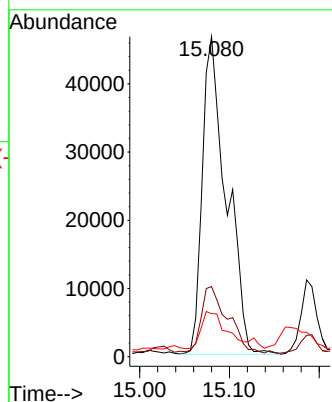
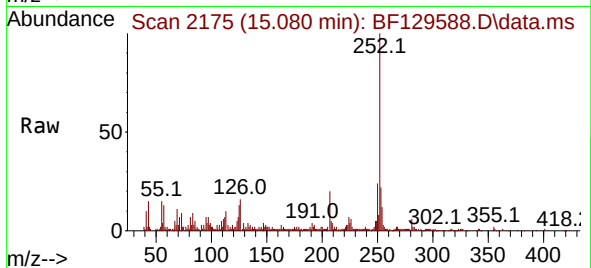
Tgt Ion:252 Resp: 87052

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 13.4 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 5.543 ng

RT: 15.080 min Scan# 2175

Delta R.T. -0.035 min

Lab File: BF129588.D

Acq: 05 Aug 2022 01:26

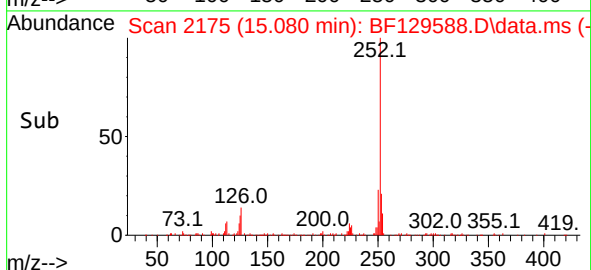
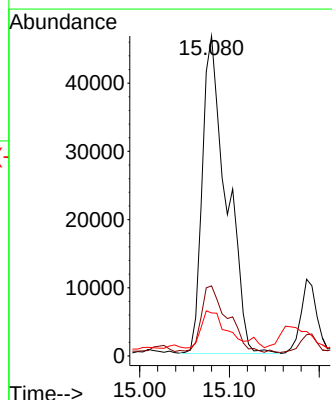
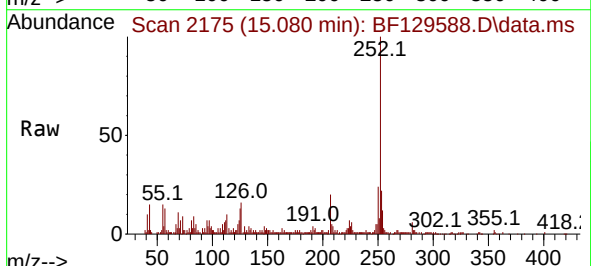
Tgt Ion:252 Resp: 87052

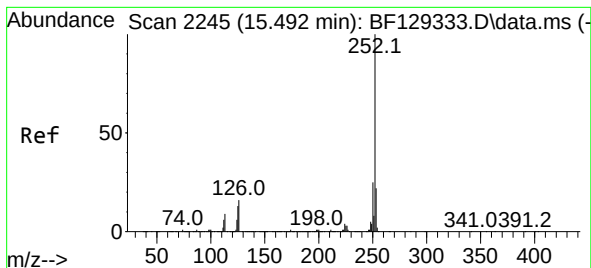
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 13.4 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 3.888 ng

RT: 15.451 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129588.D

Acq: 05 Aug 2022 01:26

Instrument :

BNA_F

ClientSampleId :

RVE-125

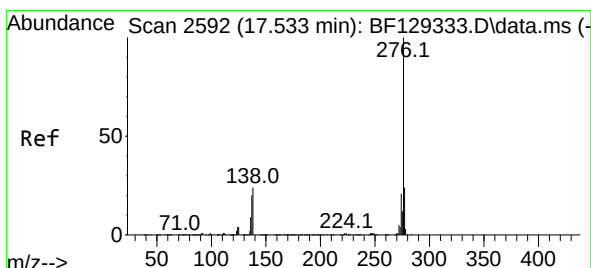
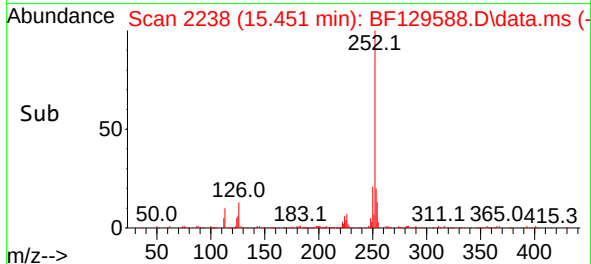
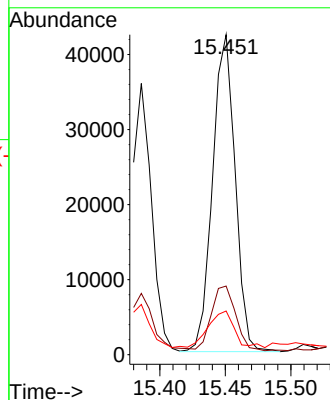
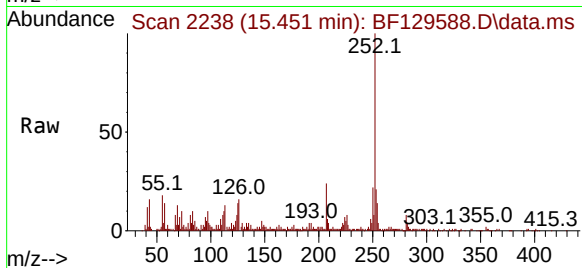
Tgt Ion:252 Resp: 50579

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 13.6 8.8 13.2#



#92

Benzo(g,h,i)perylene

Concen: 2.705 ng

RT: 17.462 min Scan# 2580

Delta R.T. -0.018 min

Lab File: BF129588.D

Acq: 05 Aug 2022 01:26

Tgt Ion:276 Resp: 36604

Ion Ratio Lower Upper

276 100

277 24.3 19.1 28.7

138 27.8 18.0 27.0#

