

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129489.D
 Acq On : 01 Aug 2022 23:38
 Operator : CG\JU
 Sample : N3896-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-64

Quant Time: Aug 02 01:18:59 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)

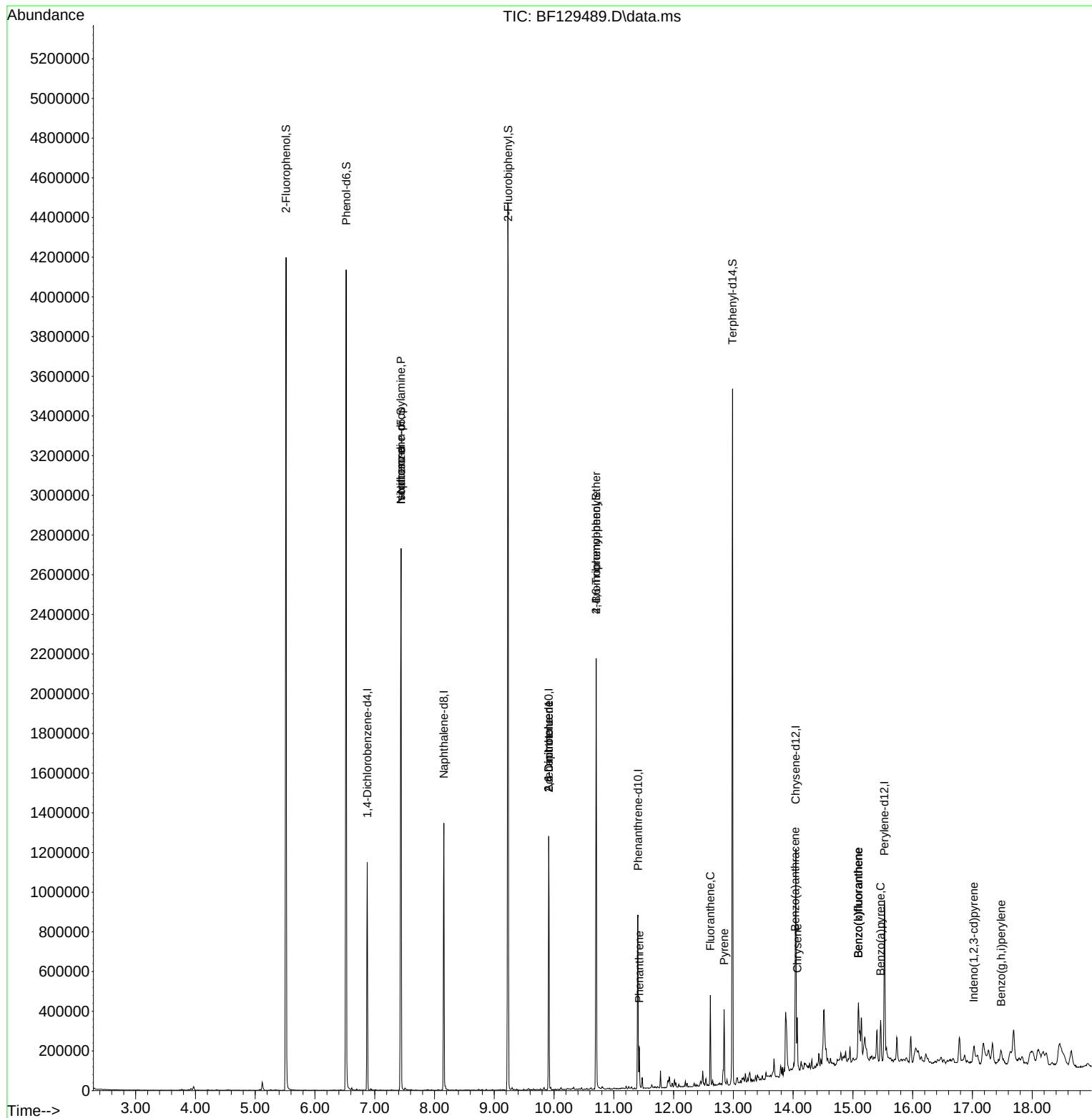
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	151223	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	565073	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	248257	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	329630	20.000	ng	0.00
76) Chrysene-d12	14.045	240	317787	20.000	ng	0.00
86) Perylene-d12	15.527	264	343956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1087750	117.174	ng	0.01
7) Phenol-d6	6.522	99	1308471	112.138	ng	0.00
23) Nitrobenzene-d5	7.440	82	846815	81.806	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	226421	94.864	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1417699	88.340	ng	0.00
79) Terphenyl-d14	12.986	244	1104180	65.551	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	112183	15.881	ng	# 74
25) Isophorone	7.440	82	846802	45.637	ng	# 65
51) 2,6-Dinitrotoluene	9.910	165	31633	8.247	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	31633	6.313	ng	# 21
67) 4-Bromophenyl-phenylether	10.704	248	14417	3.994	ng	# 1
71) Phenanthrene	11.428	178	75787	4.212	ng	96
75) Fluoranthene	12.616	202	156116	8.563	ng	99
78) Pyrene	12.845	202	140533	5.288	ng	98
81) Benzo(a)anthracene	14.033	228	114368	5.268	ng	99
83) Chrysene	14.069	228	96376	4.711	ng	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	52671	2.274	ng	95
88) Benzo(b)fluoranthene	15.092	252	196181	8.599	ng	# 97
89) Benzo(k)fluoranthene	15.092	252	196181	8.774	ng	97
90) Benzo(a)pyrene	15.463	252	96479	5.209	ng	98
92) Benzo(g,h,i)perylene	17.480	276	47089	2.444	ng	# 94

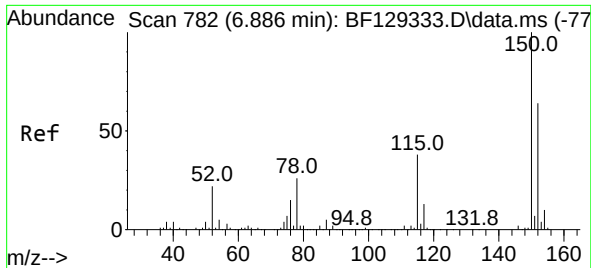
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129489.D
Acq On : 01 Aug 2022 23:38
Operator : CG\JU
Sample : N3896-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-64

Quant Time: Aug 02 01:18:59 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

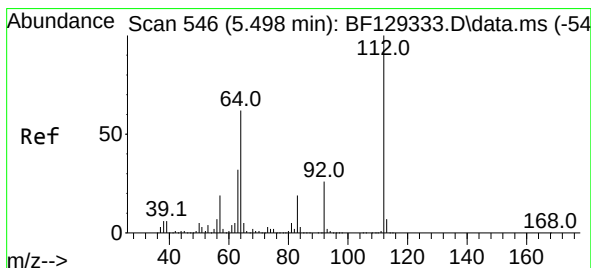
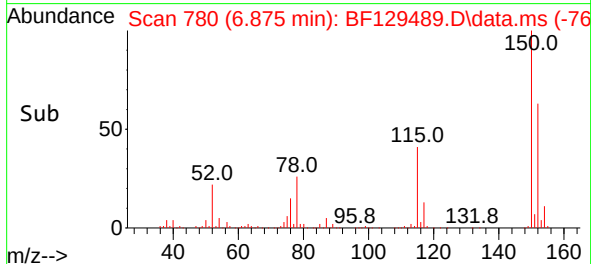
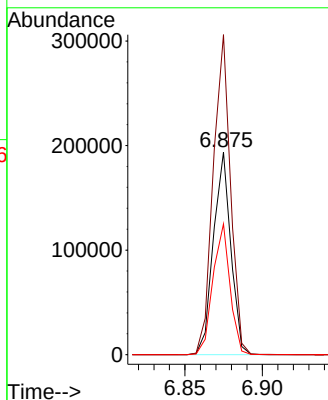
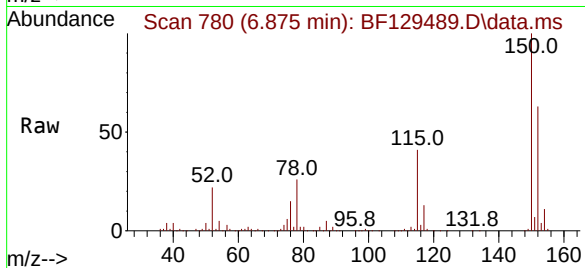




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129489.D
 Acq: 01 Aug 2022 23:38

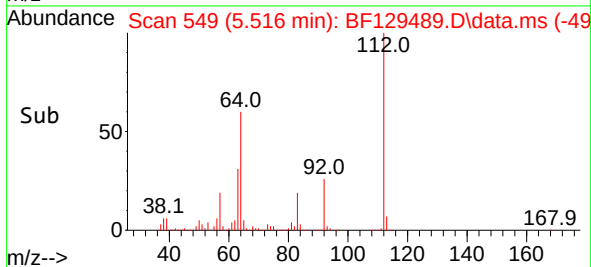
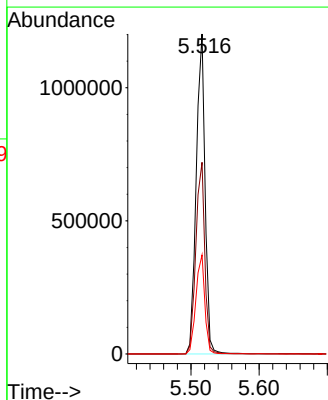
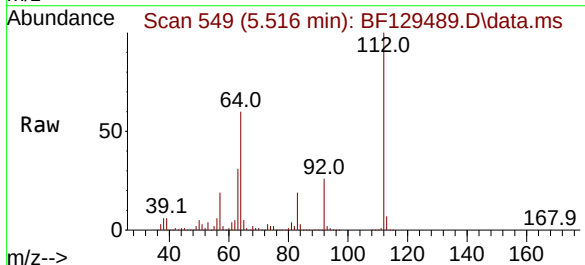
Instrument :
 BNA_F
 ClientSampleId :
 RVE-64

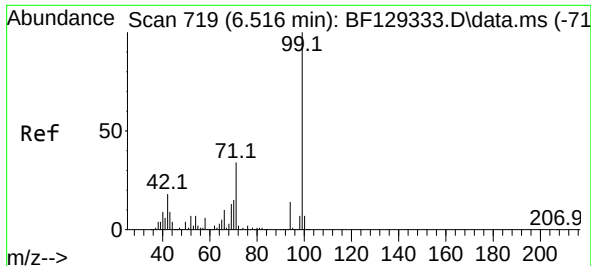
Tgt Ion:152 Resp: 151223
 Ion Ratio Lower Upper
 152 100
 150 158.0 123.7 185.5
 115 64.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 117.174 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.012 min
 Lab File: BF129489.D
 Acq: 01 Aug 2022 23:38

Tgt Ion:112 Resp: 1087750
 Ion Ratio Lower Upper
 112 100
 64 59.9 53.3 79.9
 63 31.0 28.0 42.0

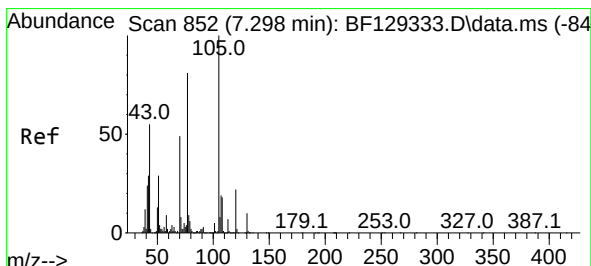
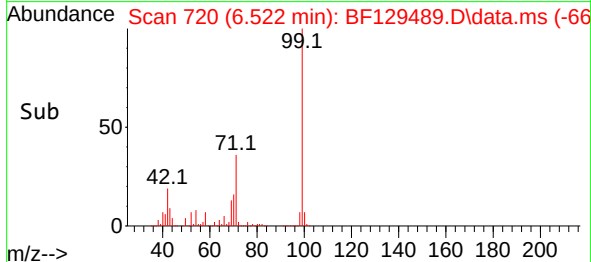
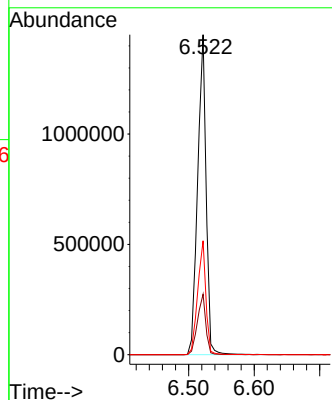
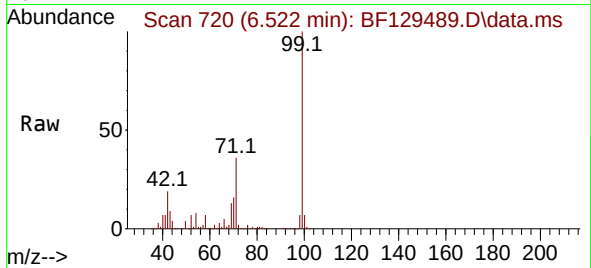




#7
Phenol-d6
Concen: 112.138 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

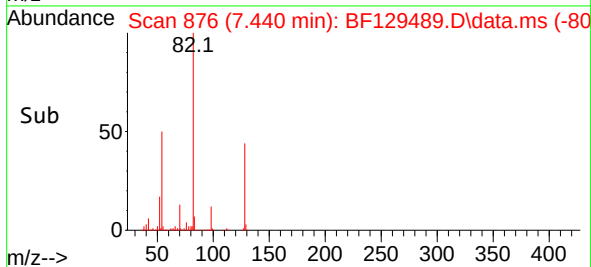
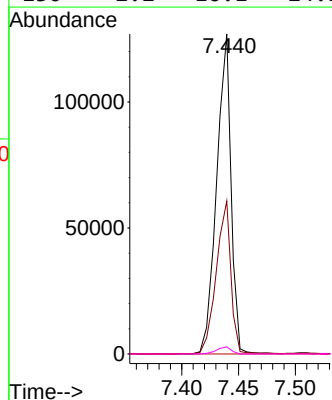
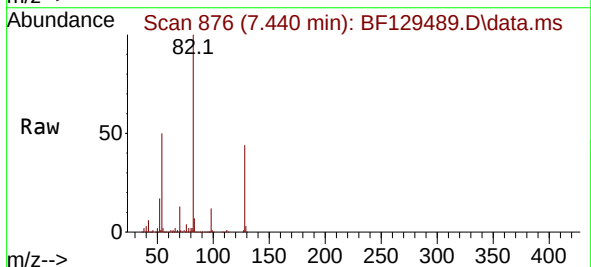
Instrument :
BNA_F
ClientSampleId :
RVE-64

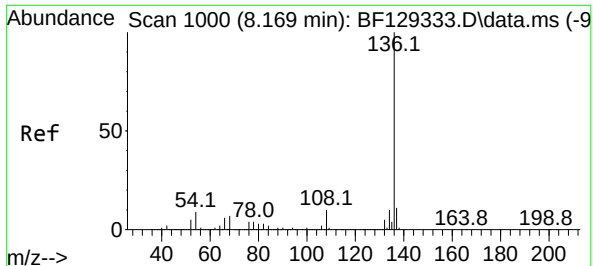
Tgt Ion: 99 Resp: 1308471
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 35.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.881 ng
RT: 7.440 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

Tgt Ion: 70 Resp: 112183
Ion Ratio Lower Upper
70 100
42 47.8 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#



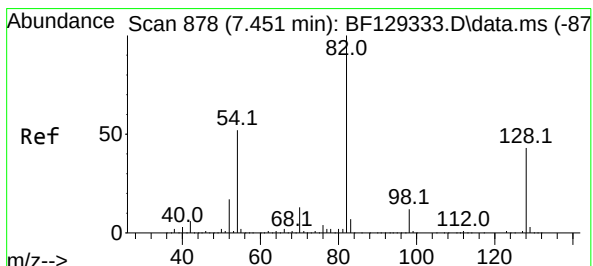
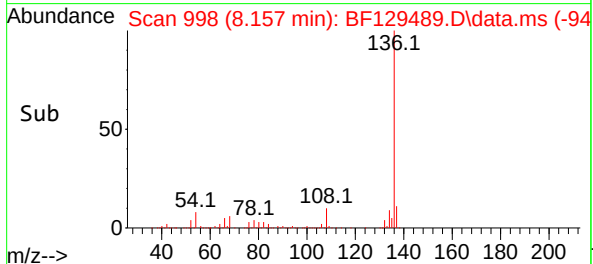
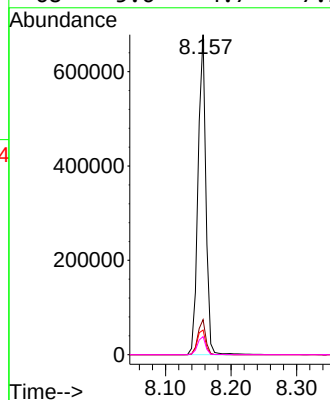
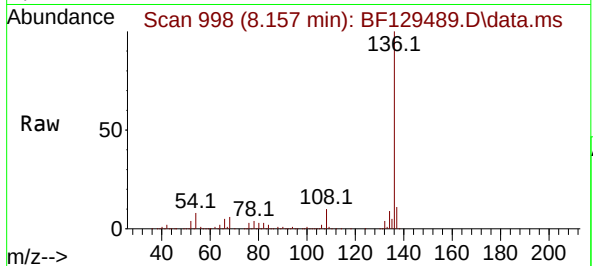


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

Instrument :
BNA_F
ClientSampleId :
RVE-64

Tgt Ion:136 Resp: 565073

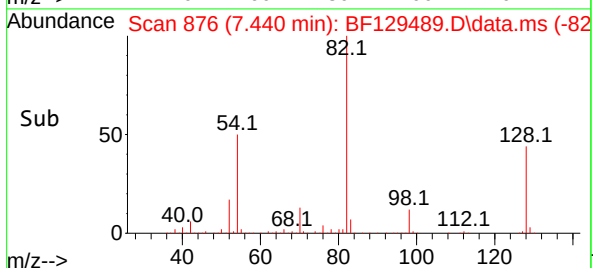
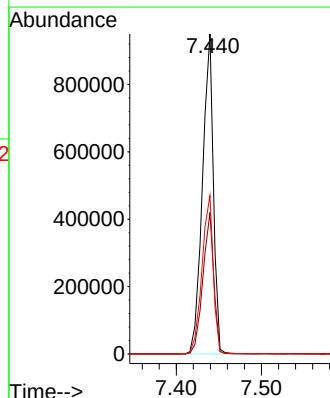
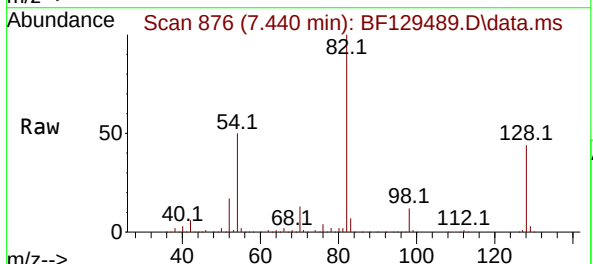
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	7.5	11.3
68	5.6	4.7	7.1

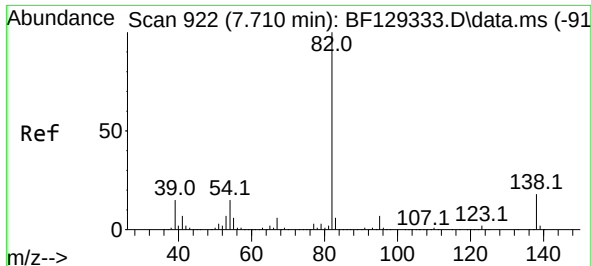


#23
Nitrobenzene-d5
Concen: 81.806 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

Tgt Ion: 82 Resp: 846815

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.0	51.0
54	49.5	46.9	70.3

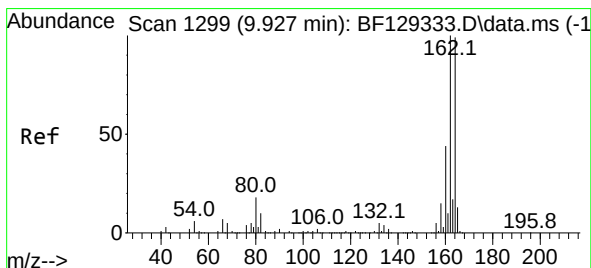
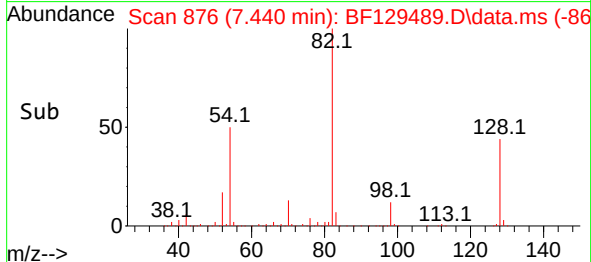
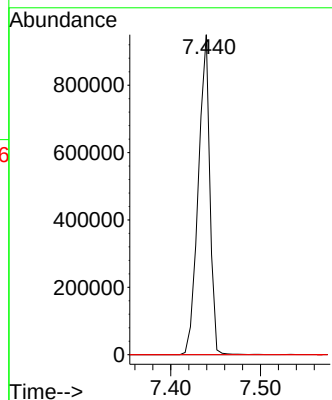
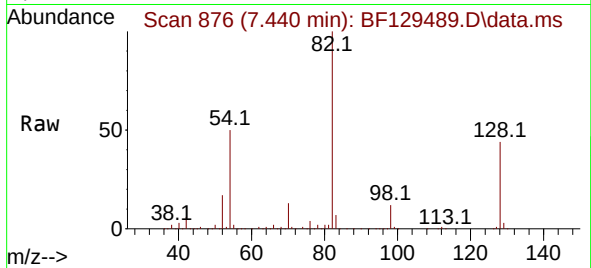




#25
Isophorone
Concen: 45.637 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

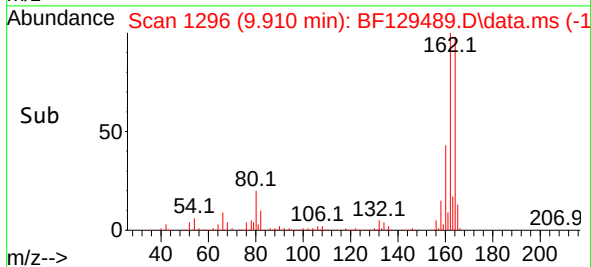
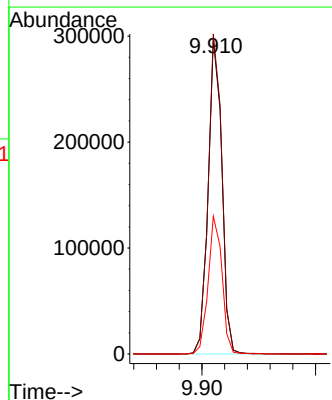
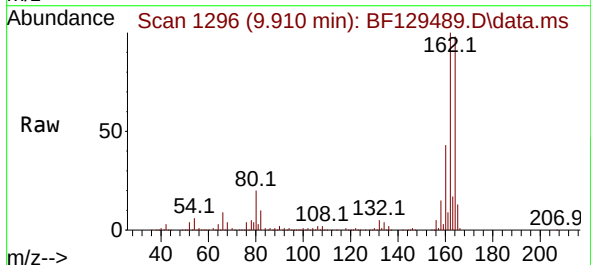
Instrument :
BNA_F
ClientSampleId :
RVE-64

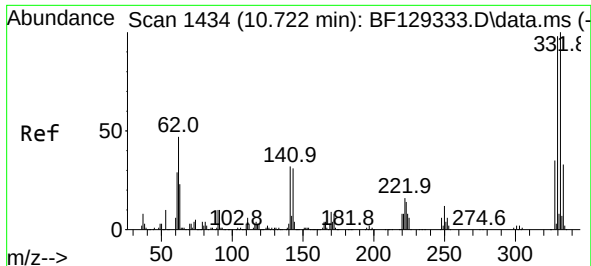
Tgt Ion: 82 Resp: 846802
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

Tgt Ion: 164 Resp: 248257
Ion Ratio Lower Upper
164 100
162 101.7 79.5 119.3
160 43.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 94.864 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.006 min

Lab File: BF129489.D

Acq: 01 Aug 2022 23:38

Instrument :

BNA_F

ClientSampleId :

RVE-64

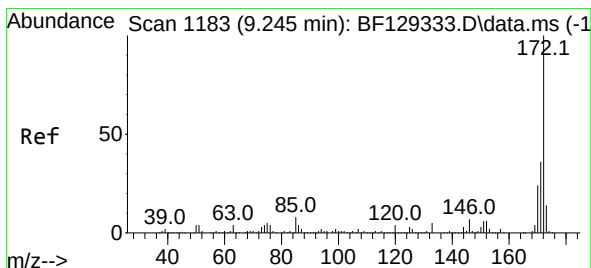
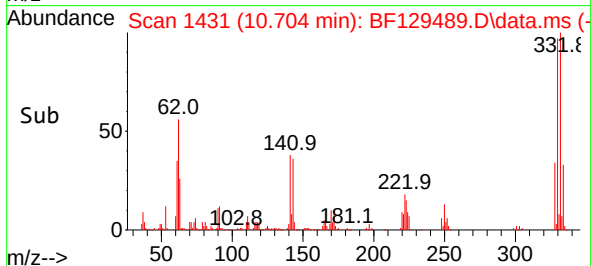
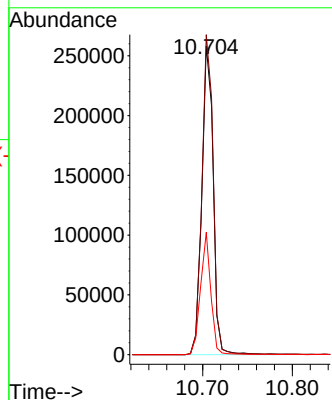
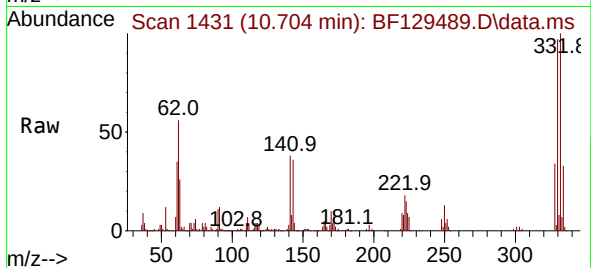
Tgt Ion:330 Resp: 226421

Ion Ratio Lower Upper

330 100

332 103.1 76.8 115.2

141 36.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 88.340 ng

RT: 9.234 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF129489.D

Acq: 01 Aug 2022 23:38

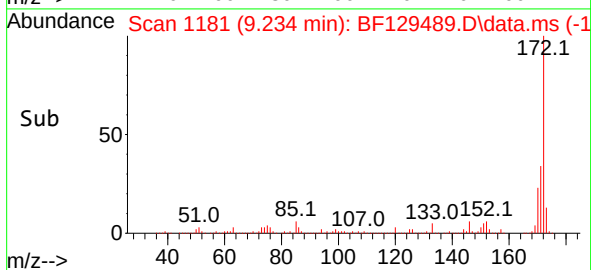
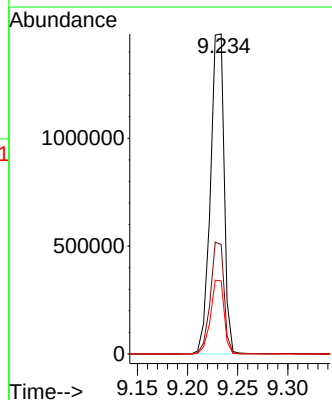
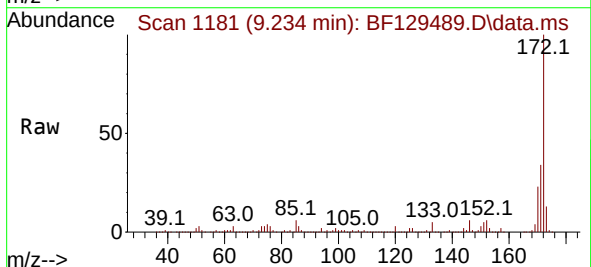
Tgt Ion:172 Resp: 1417699

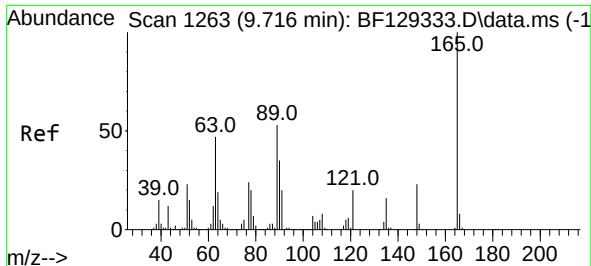
Ion Ratio Lower Upper

172 100

171 34.2 28.8 43.2

170 22.8 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.247 ng

RT: 9.910 min Scan# 1296

Delta R.T. 0.206 min

Lab File: BF129489.D

Acq: 01 Aug 2022 23:38

Instrument :

BNA_F

ClientSampleId :

RVE-64

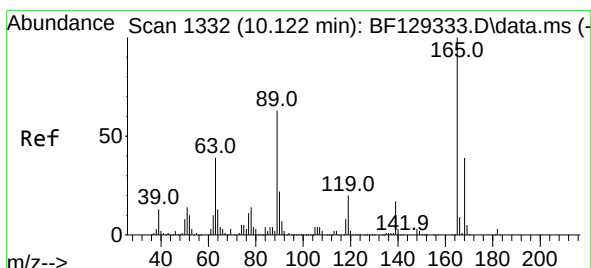
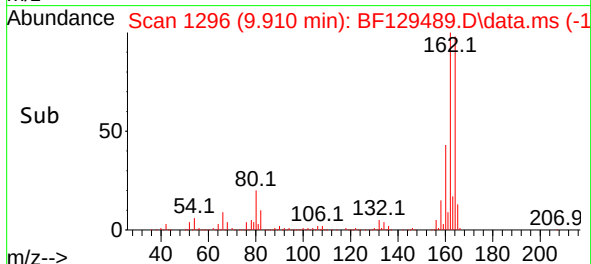
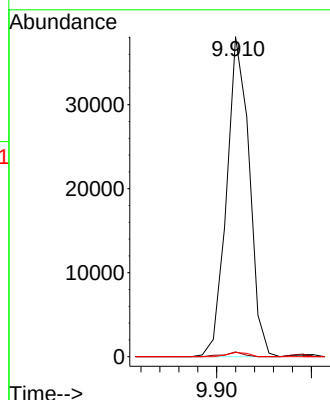
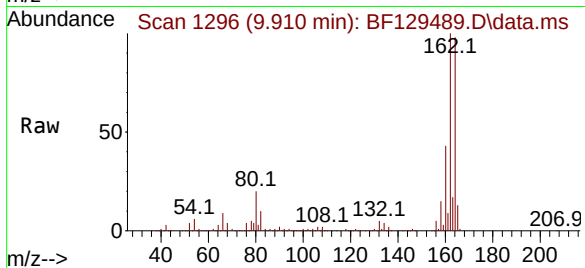
Tgt Ion:165 Resp: 31633

Ion Ratio Lower Upper

165 100

63 1.5 44.9 67.3#

89 1.3 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.313 ng

RT: 9.910 min Scan# 1296

Delta R.T. -0.200 min

Lab File: BF129489.D

Acq: 01 Aug 2022 23:38

Tgt Ion:165 Resp: 31633

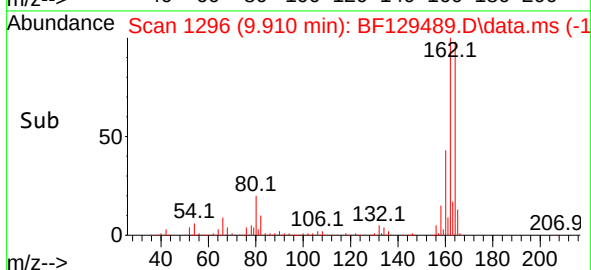
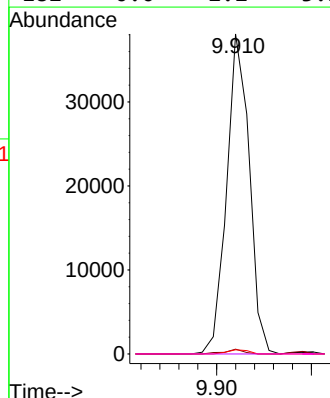
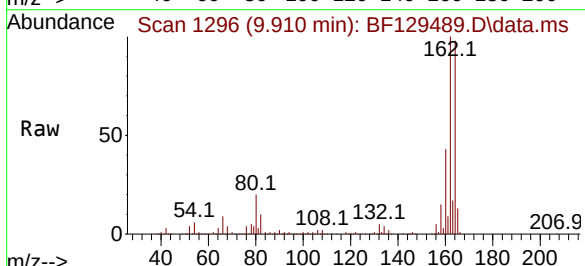
Ion Ratio Lower Upper

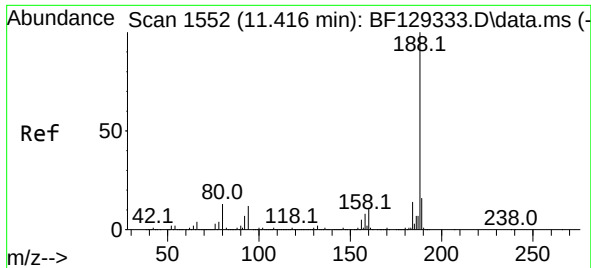
165 100

63 1.5 39.8 59.6#

89 1.3 60.2 90.2#

182 0.0 2.2 3.2#

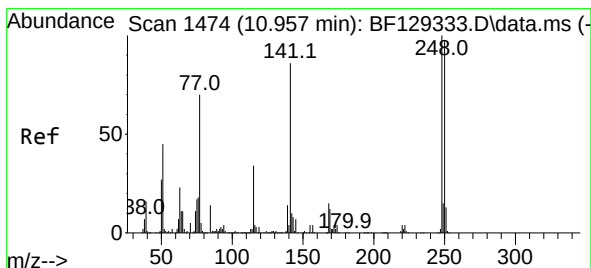
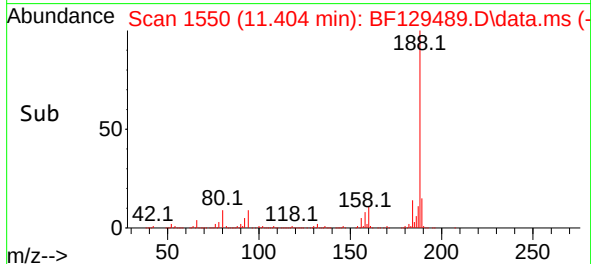
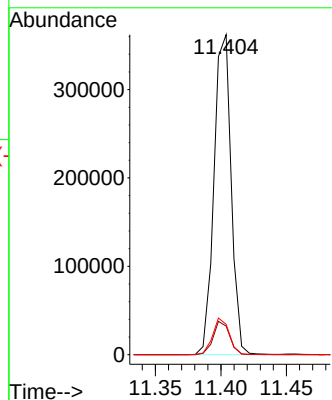
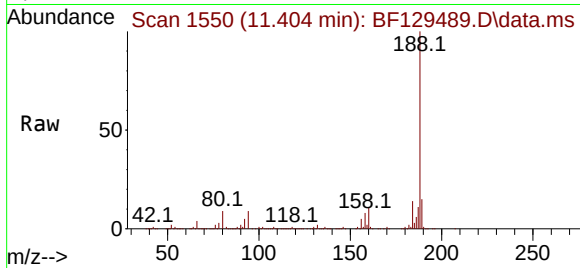




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

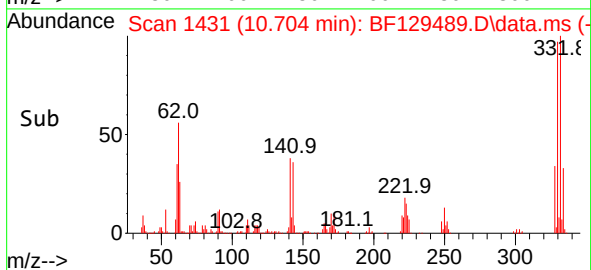
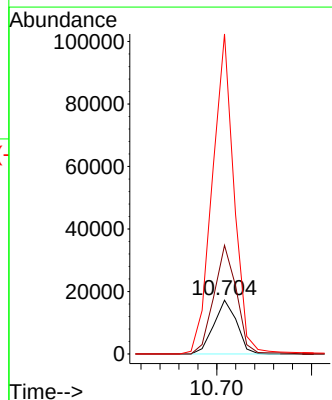
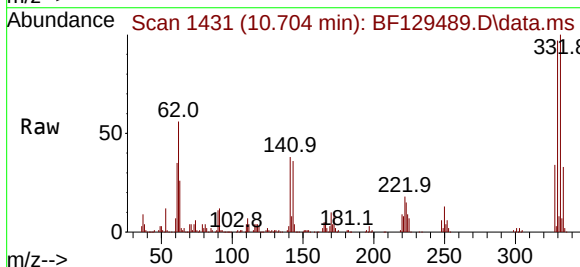
Instrument :
BNA_F
ClientSampleId :
RVE-64

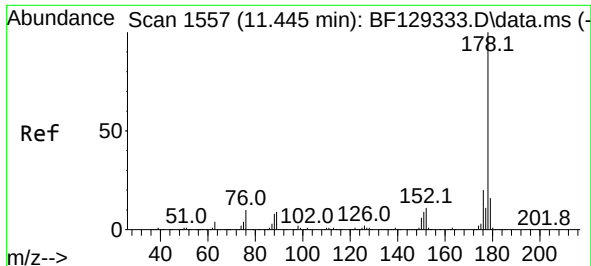
Tgt Ion:188 Resp: 329630
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.5 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.994 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.241 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

Tgt Ion:248 Resp: 14417
Ion Ratio Lower Upper
248 100
250 202.2 80.6 120.8#
141 595.2 58.9 88.3#

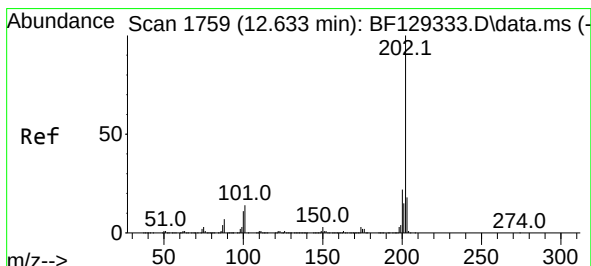
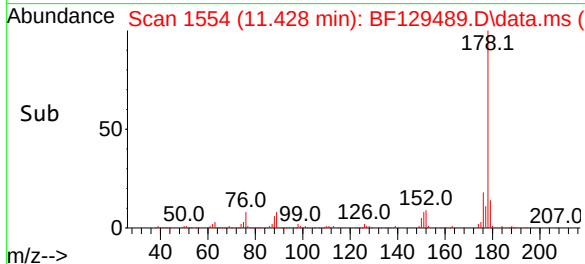
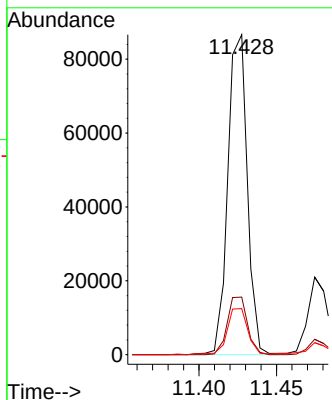
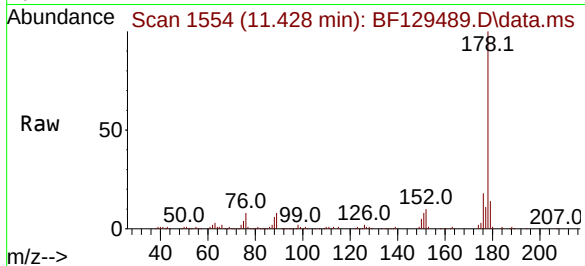




#71
Phenanthrene
Concen: 4.212 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

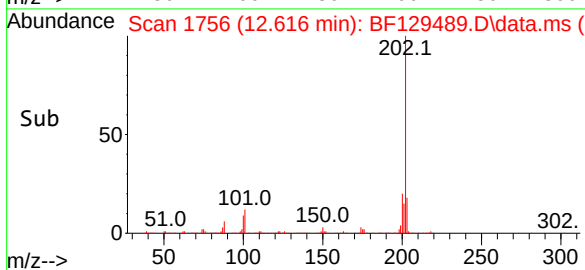
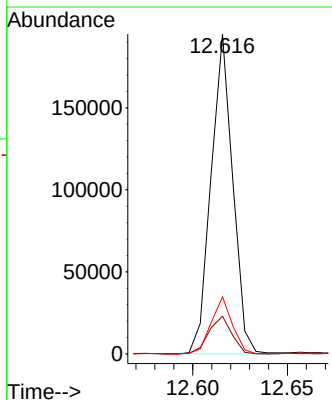
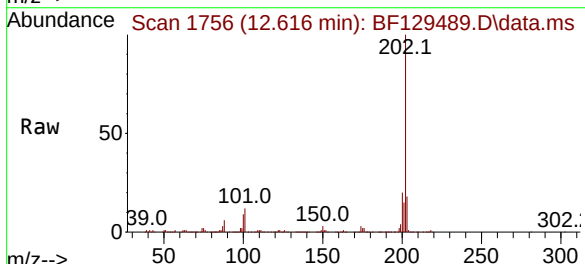
Instrument :
BNA_F
ClientSampleId :
RVE-64

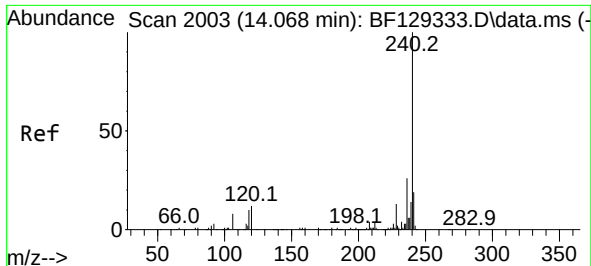
Tgt Ion:178 Resp: 75787
Ion Ratio Lower Upper
178 100
176 18.0 16.0 24.0
179 14.4 12.6 19.0



#75
Fluoranthene
Concen: 8.563 ng
RT: 12.616 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

Tgt Ion:202 Resp: 156116
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.4
203 17.9 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: BF129489.D

Acq: 01 Aug 2022 23:38

Instrument :

BNA_F

ClientSampleId :

RVE-64

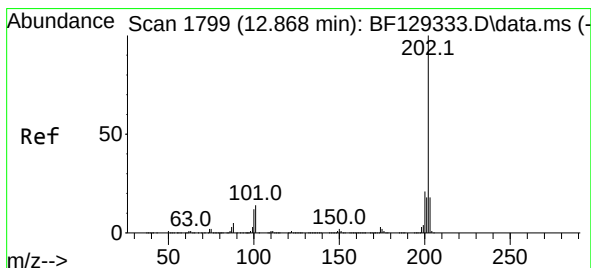
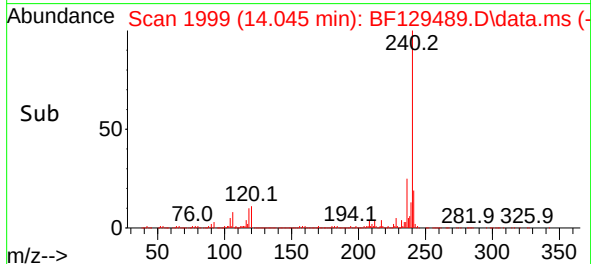
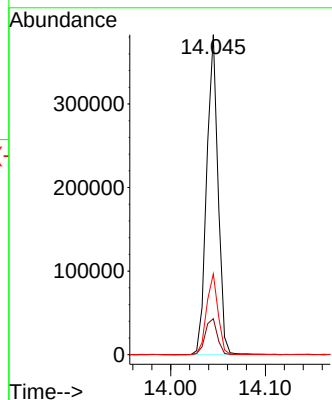
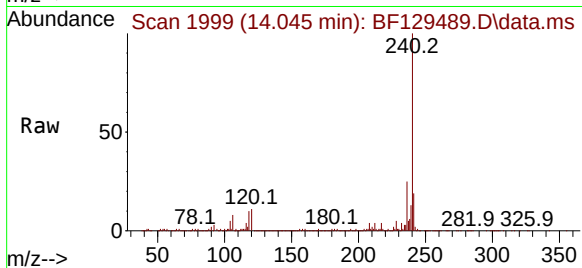
Tgt Ion:240 Resp: 317787

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

236 25.2 20.8 31.2



#78

Pyrene

Concen: 5.288 ng

RT: 12.845 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF129489.D

Acq: 01 Aug 2022 23:38

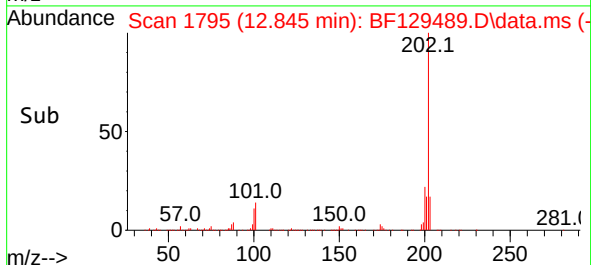
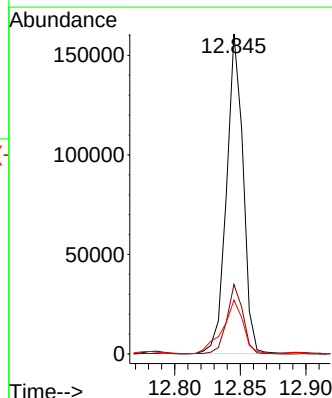
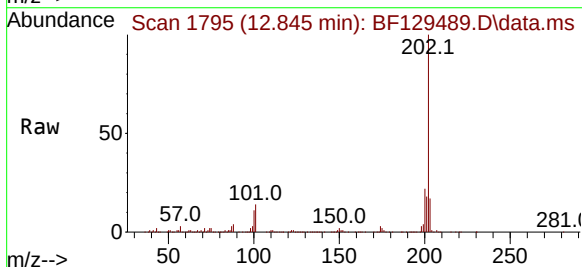
Tgt Ion:202 Resp: 140533

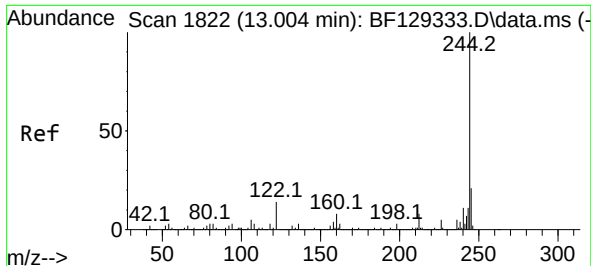
Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

203 16.8 14.6 21.8

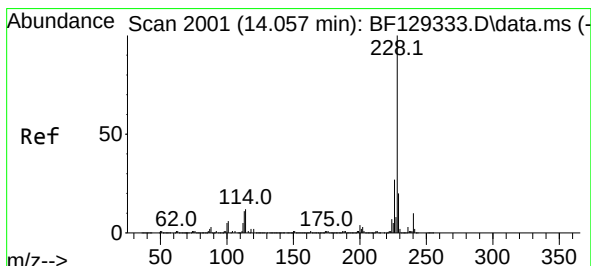
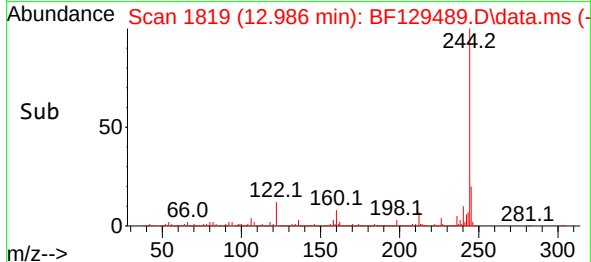
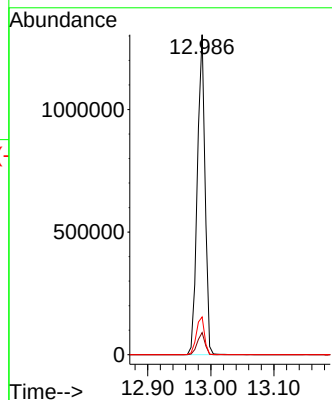
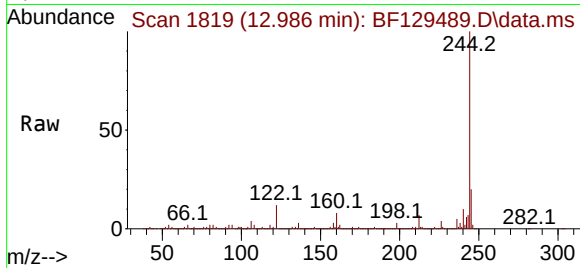




#79
 Terphenyl-d14
 Concen: 65.551 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF129489.D
 Acq: 01 Aug 2022 23:38

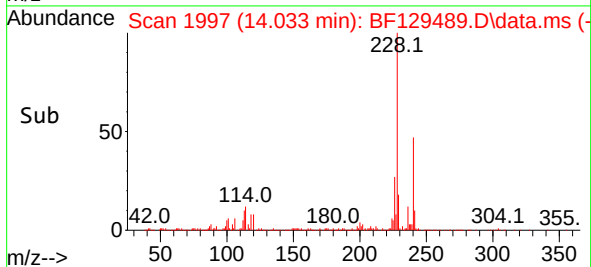
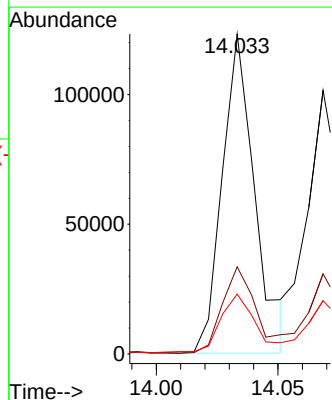
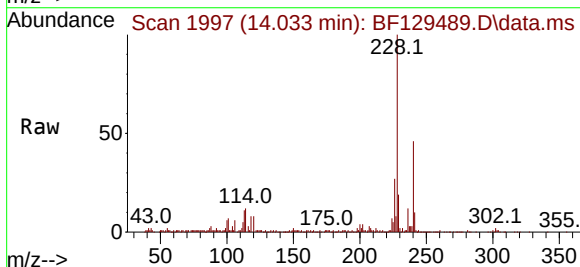
Instrument :
 BNA_F
 ClientSampleId :
 RVE-64

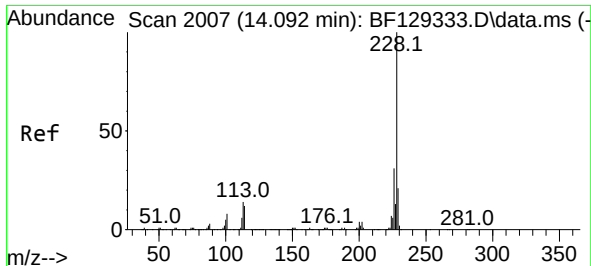
Tgt Ion:244 Resp: 1104180
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 11.8 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 5.268 ng
 RT: 14.033 min Scan# 1997
 Delta R.T. -0.006 min
 Lab File: BF129489.D
 Acq: 01 Aug 2022 23:38

Tgt Ion:228 Resp: 114368
 Ion Ratio Lower Upper
 228 100
 226 27.2 22.1 33.1
 229 18.7 15.8 23.8





#83

Chrysene

Concen: 4.711 ng

RT: 14.069 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BF129489.D

Acq: 01 Aug 2022 23:38

Instrument :

BNA_F

ClientSampleId :

RVE-64

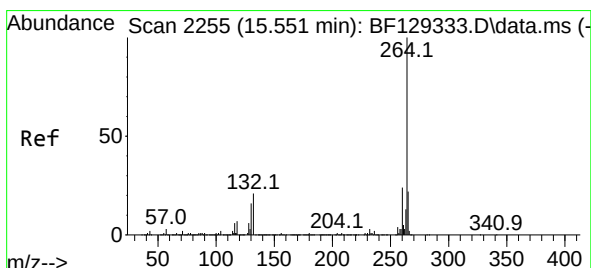
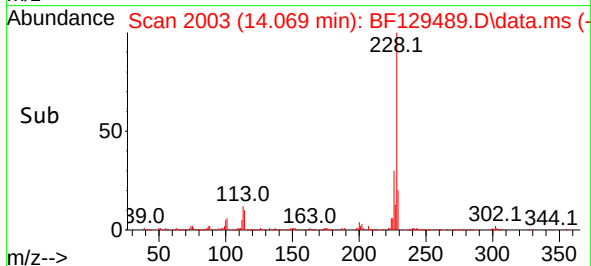
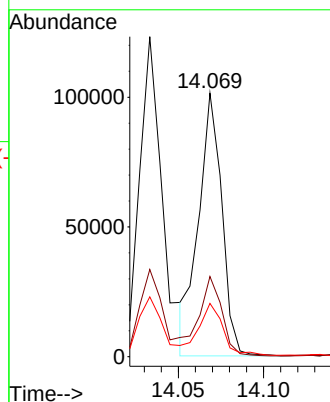
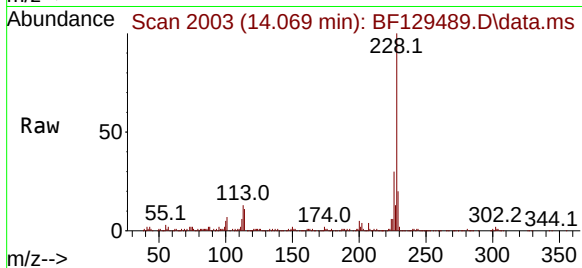
Tgt Ion:228 Resp: 96376

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 20.2 15.9 23.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2251

Delta R.T. 0.000 min

Lab File: BF129489.D

Acq: 01 Aug 2022 23:38

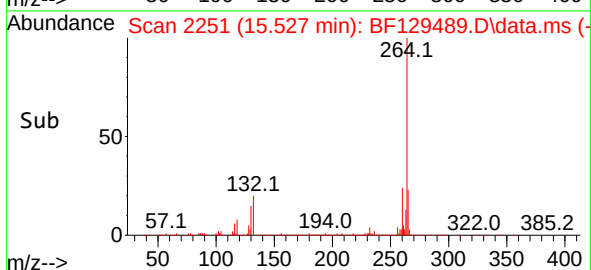
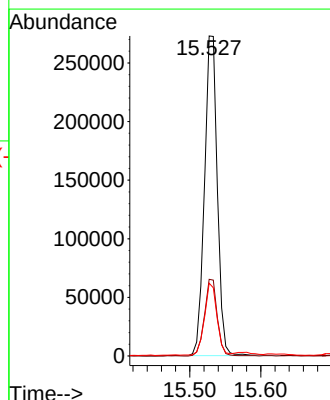
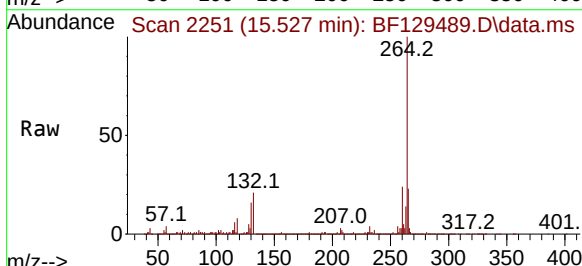
Tgt Ion:264 Resp: 343956

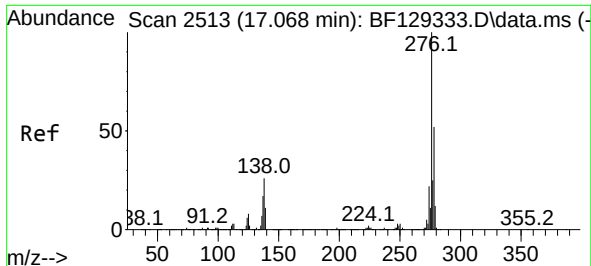
Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 22.7 17.2 25.8

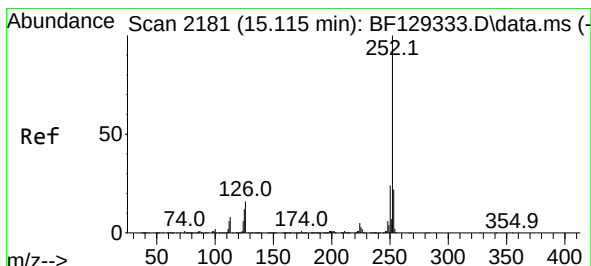
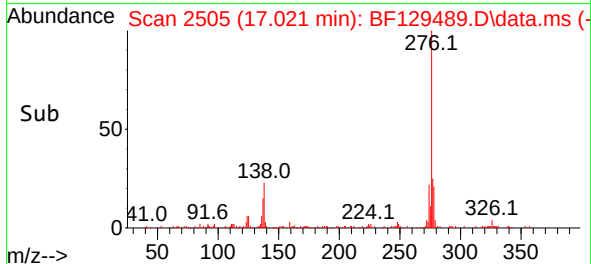
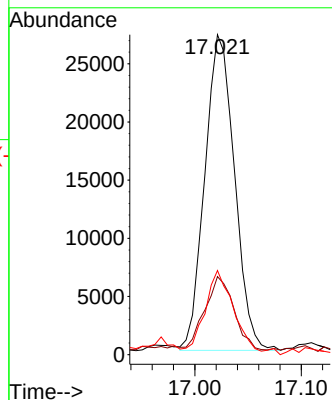
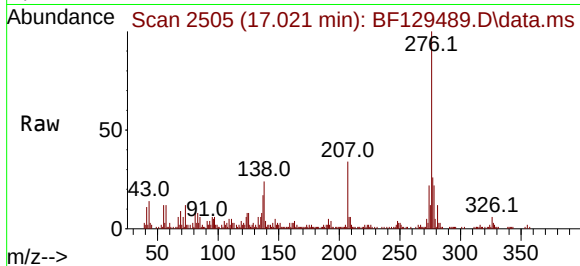




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.274 ng
 RT: 17.021 min Scan# 2177
 Delta R.T. -0.012 min
 Lab File: BF129489.D
 Acq: 01 Aug 2022 23:38

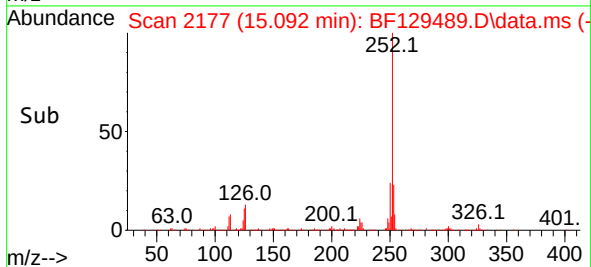
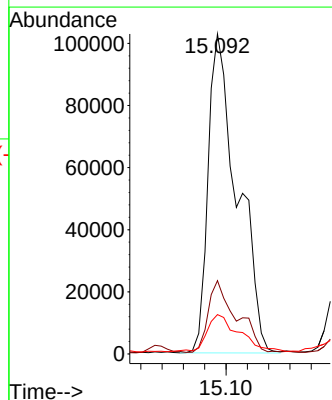
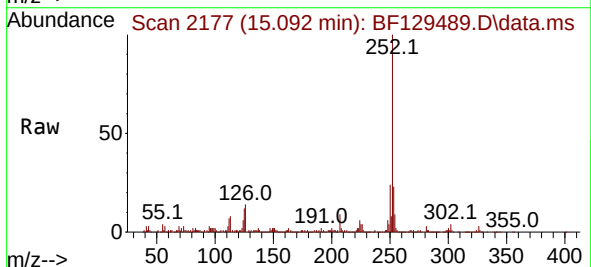
Instrument :
 BNA_F
 ClientSampleId :
 RVE-64

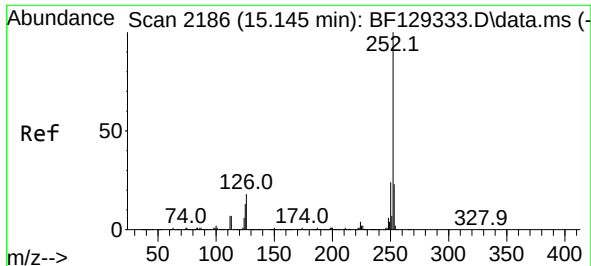
Tgt Ion:	276	Resp:	52671
Ion Ratio	Lower	Upper	
276	100		
138	22.6	21.1	31.7
277	26.8	20.3	30.5



#88
 Benzo(b)fluoranthene
 Concen: 8.599 ng
 RT: 15.092 min Scan# 2177
 Delta R.T. 0.000 min
 Lab File: BF129489.D
 Acq: 01 Aug 2022 23:38

Tgt Ion:	252	Resp:	196181
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.7	26.5
125	12.3	8.0	12.0

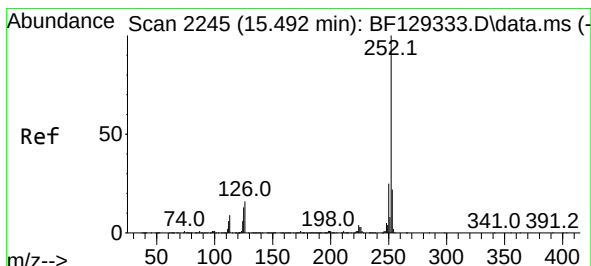
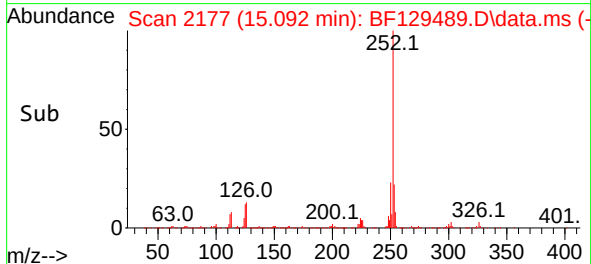
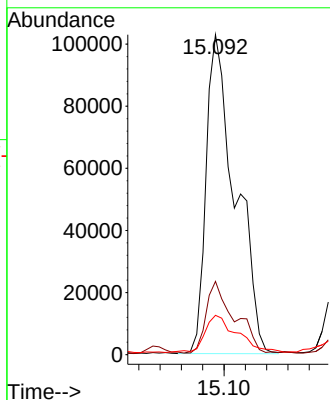
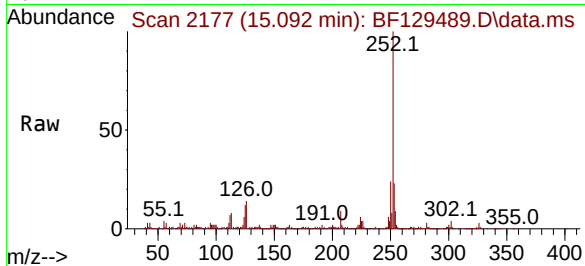




#89
Benzo(k)fluoranthene
Concen: 8.774 ng
RT: 15.092 min Scan# 2186
Delta R.T. -0.029 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

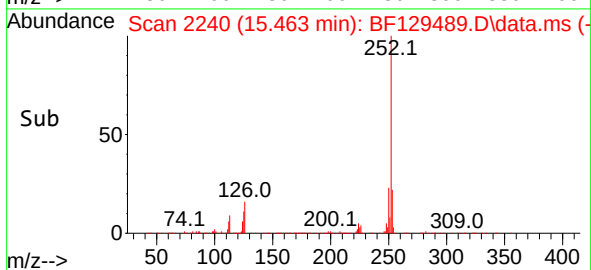
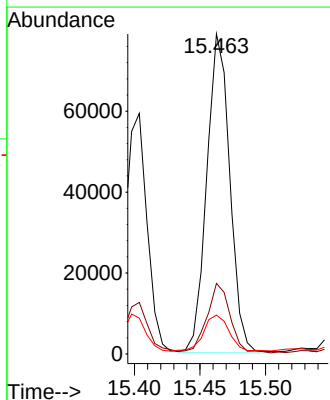
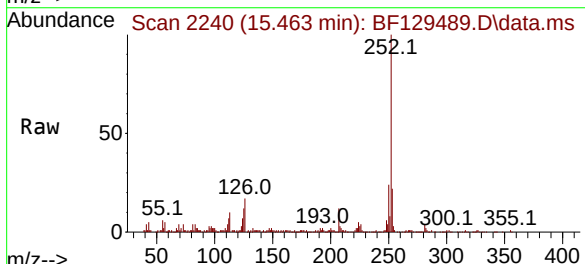
Instrument :
BNA_F
ClientSampleId :
RVE-64

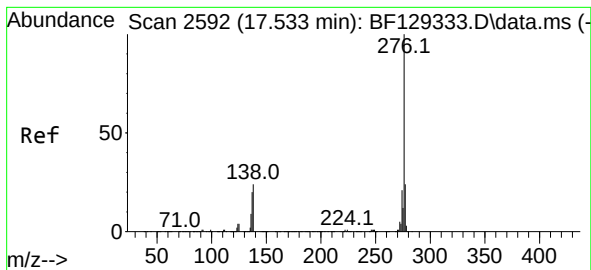
Tgt Ion:252 Resp: 196181
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 12.3 8.3 12.5



#90
Benzo(a)pyrene
Concen: 5.209 ng
RT: 15.463 min Scan# 2240
Delta R.T. -0.006 min
Lab File: BF129489.D
Acq: 01 Aug 2022 23:38

Tgt Ion:252 Resp: 96479
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 12.1 8.8 13.2





#92

Benzo(g,h,i)perylene

Concen: 2.444 ng

RT: 17.480 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF129489.D

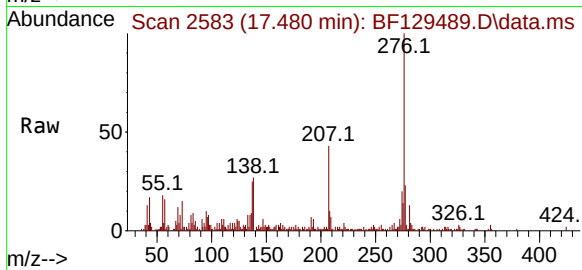
Acq: 01 Aug 2022 23:38

Instrument :

BNA_F

ClientSampleId :

RVE-64



Tgt Ion:276 Resp: 47089

Ion Ratio Lower Upper

276 100

277 22.9 19.1 28.7

138 27.0 18.0 27.0#

