

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129677.D
 Acq On : 09 Aug 2022 21:10
 Operator : CG\JU
 Sample : N3963-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-206

Quant Time: Aug 10 05:34:50 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 16:27:34 2022
 Response via : Initial Calibration

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

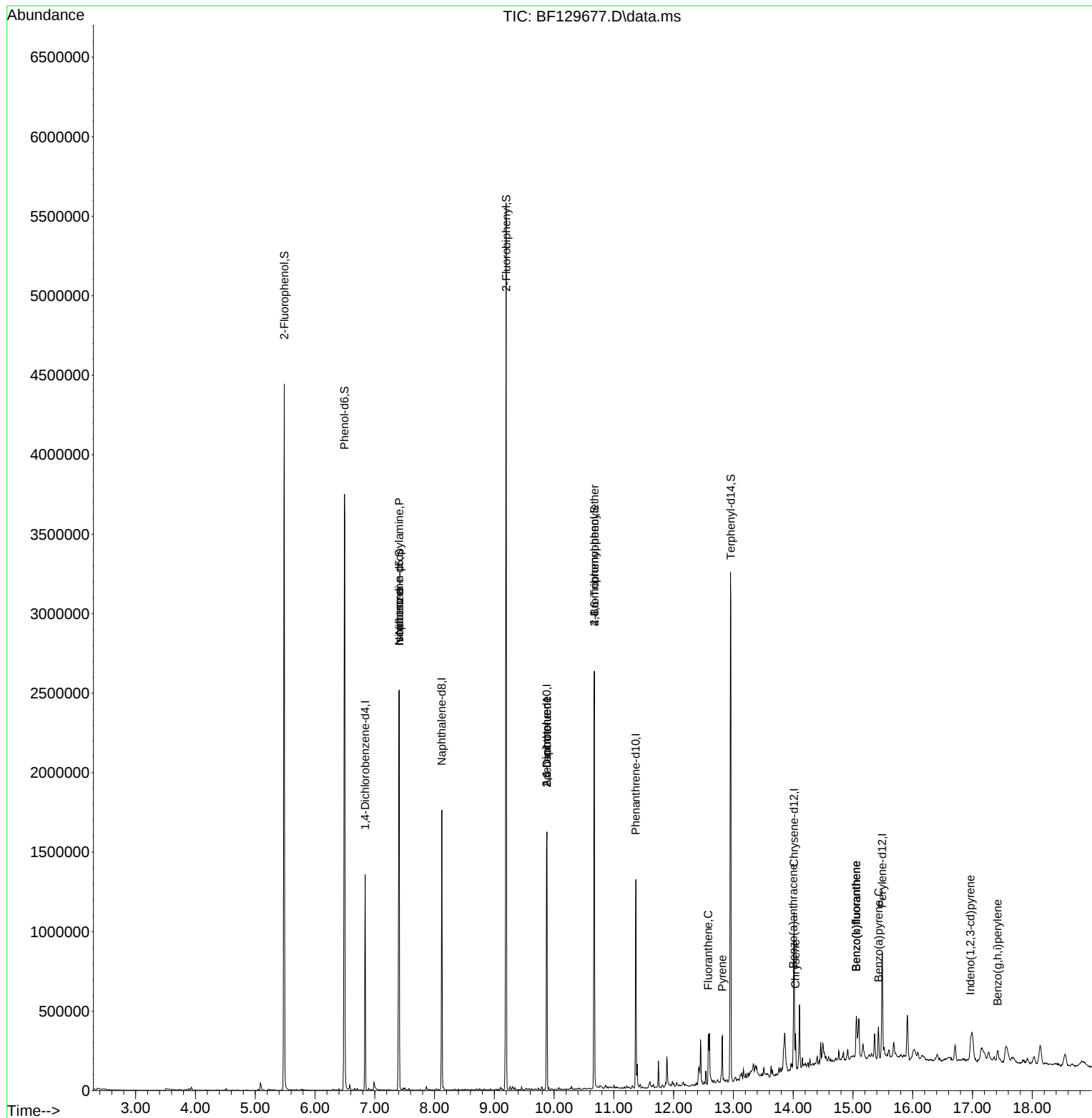
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	184294	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	709609	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	331691	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	443607	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	292520	20.000	ng	-0.01
86) Perylene-d12	15.492	264	294211	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1180002	104.302	ng	0.00
7) Phenol-d6	6.492	99	1468932	103.299	ng	-0.01
23) Nitrobenzene-d5	7.410	82	921882	70.918	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	301679	94.601	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1599259	74.587	ng	-0.01
79) Terphenyl-d14	12.957	244	1120825	72.287	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	124994	14.519	ng	# 69
25) Isophorone	7.410	82	916554	39.335	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	43846	8.555	ng	# 25
57) 2,4-Dinitrotoluene	9.880	165	43846	6.549	ng	# 21
67) 4-Bromophenyl-phenylether	10.675	248	19299	3.973	ng	# 1
75) Fluoranthene	12.580	202	116071	4.731	ng	99
78) Pyrene	12.816	202	116457	4.761	ng	97
81) Benzo(a)anthracene	14.004	228	77535	3.880	ng	99
83) Chrysene	14.039	228	83861	4.453	ng	96
87) Indeno(1,2,3-cd)pyrene	16.968	276	57025	2.878	ng	96
88) Benzo(b)fluoranthene	15.057	252	183051	9.380	ng	# 96
89) Benzo(k)fluoranthene	15.057	252	183051	9.571	ng	97
90) Benzo(a)pyrene	15.427	252	94119	5.941	ng	95
92) Benzo(g,h,i)perylene	17.421	276	56613	3.436	ng	97

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

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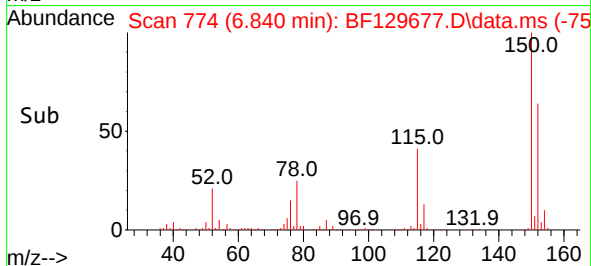
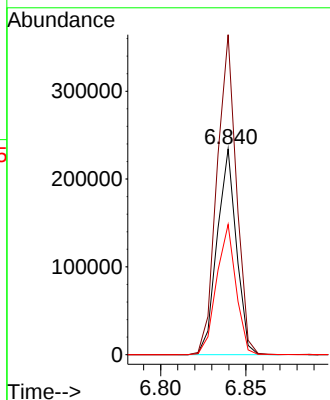
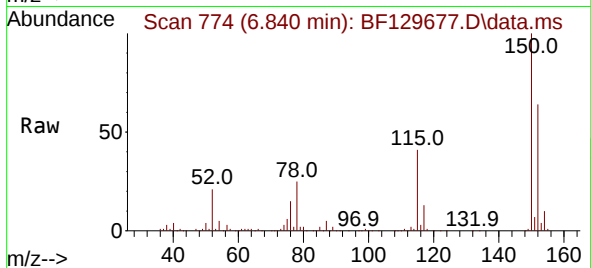




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF129677.D
 Acq: 09 Aug 2022 21:10

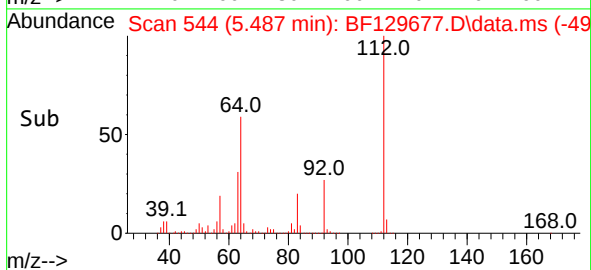
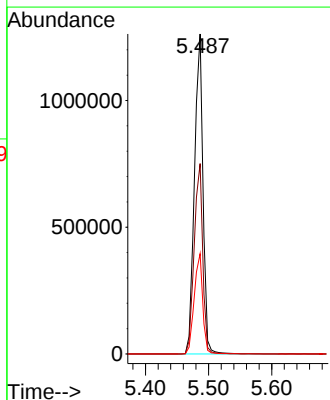
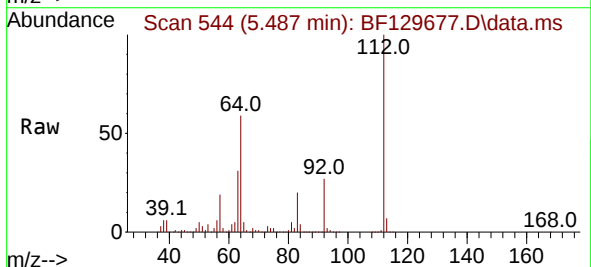
Instrument :
 BNA_F
 ClientSampleId :
 RVE-206

Tgt Ion:152 Resp: 184294
 Ion Ratio Lower Upper
 152 100
 150 155.6 123.7 185.5
 115 63.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 104.302 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.006 min
 Lab File: BF129677.D
 Acq: 09 Aug 2022 21:10

Tgt Ion:112 Resp: 1180002
 Ion Ratio Lower Upper
 112 100
 64 59.5 53.3 79.9
 63 31.3 28.0 42.0



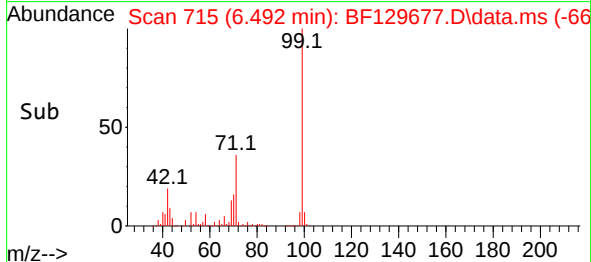
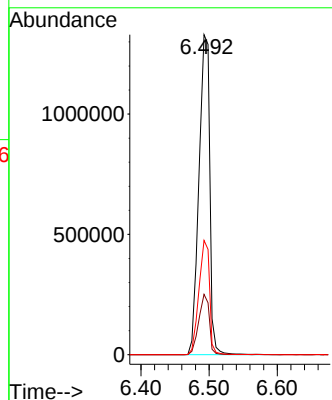
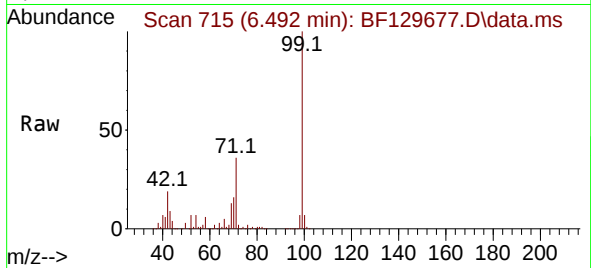


#7
Phenol-d6
Concen: 103.299 ng
RT: 6.492 min Scan# 715
Delta R.T. -0.012 min
Lab File: BF129677.D
Acq: 09 Aug 2022 21:10

Instrument :
BNA_F
ClientSampleId :
RVE-206

Tgt Ion: 99 Resp: 1468932

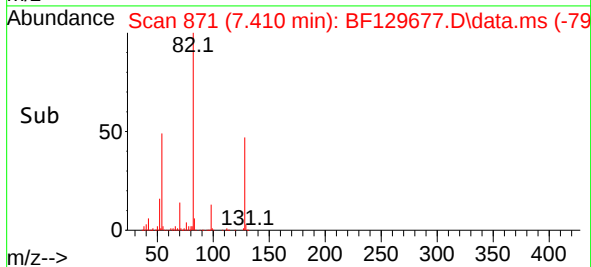
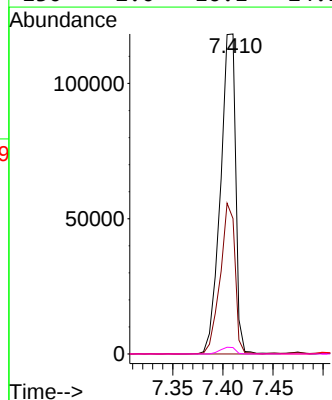
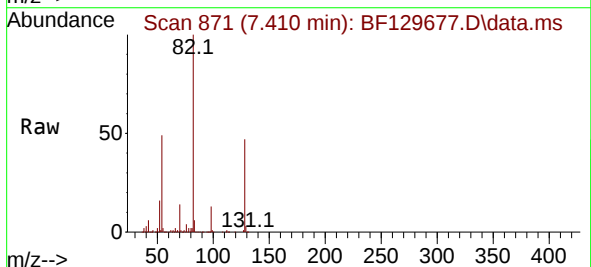
Ion	Ratio	Lower	Upper
99	100		
42	18.8	17.3	25.9
71	35.7	28.9	43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.519 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF129677.D
Acq: 09 Aug 2022 21:10

Tgt Ion: 70 Resp: 124994

Ion	Ratio	Lower	Upper
70	100		
42	42.3	52.3	78.5#
101	0.0	7.5	11.3#
130	2.0	16.1	24.1#



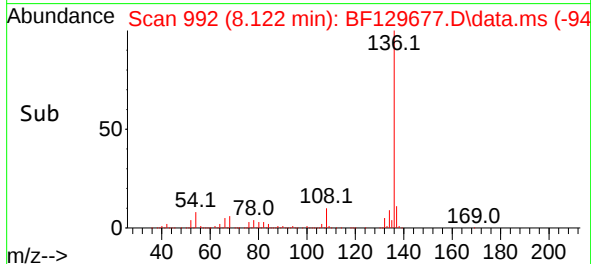
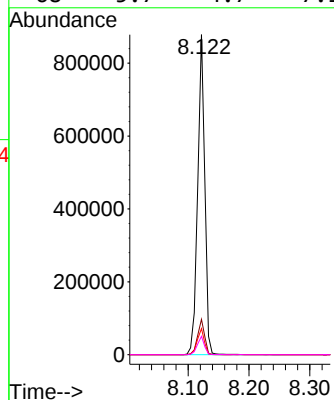
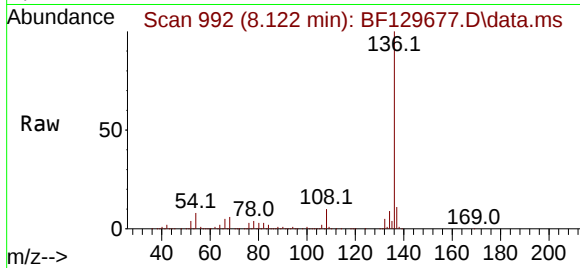


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129677.D
Acq: 09 Aug 2022 21:10

Instrument :
BNA_F
ClientSampleId :
RVE-206

Tgt Ion:136 Resp: 709609

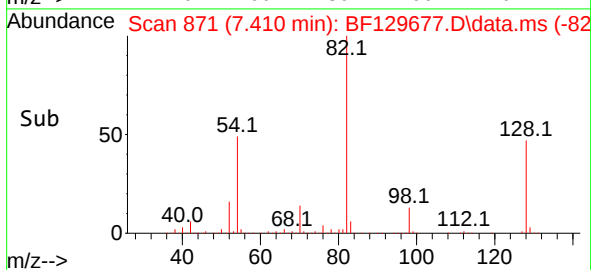
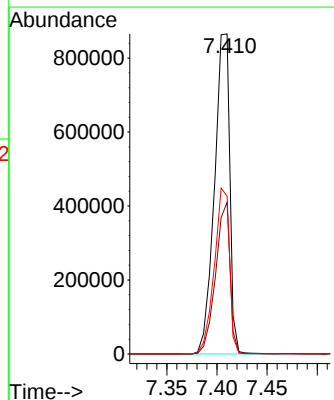
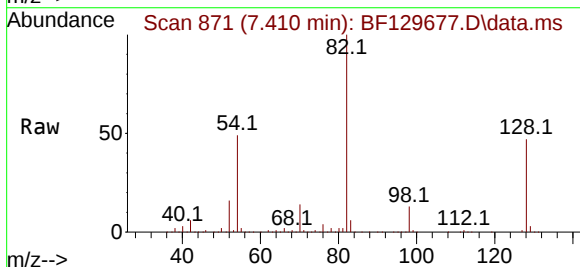
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.2	7.5	11.3
68	5.7	4.7	7.1



#23
Nitrobenzene-d5
Concen: 70.918 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF129677.D
Acq: 09 Aug 2022 21:10

Tgt Ion: 82 Resp: 921882

Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.0	51.0
54	49.2	46.9	70.3

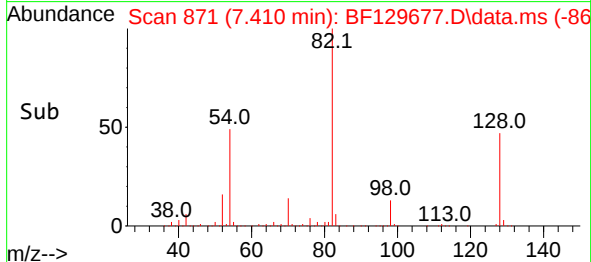
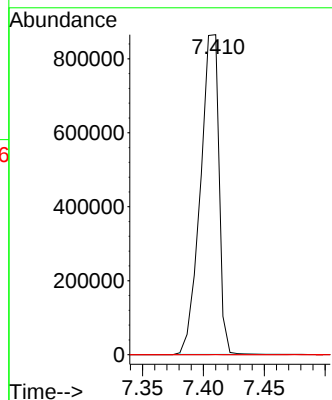
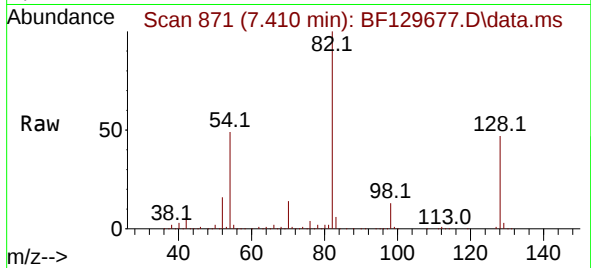




#25
Isophorone
Concen: 39.335 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129677.D
Acq: 09 Aug 2022 21:10

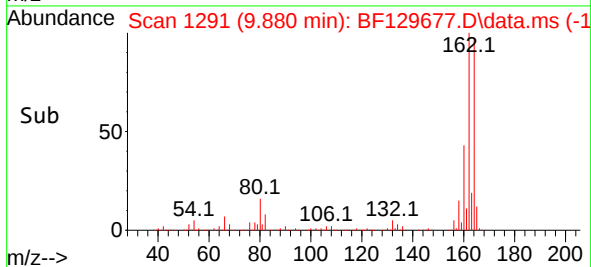
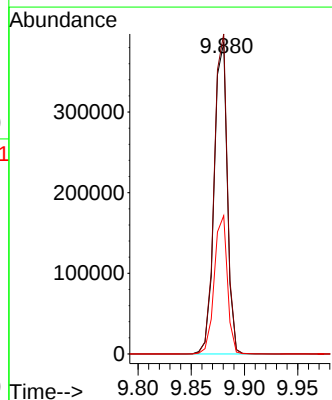
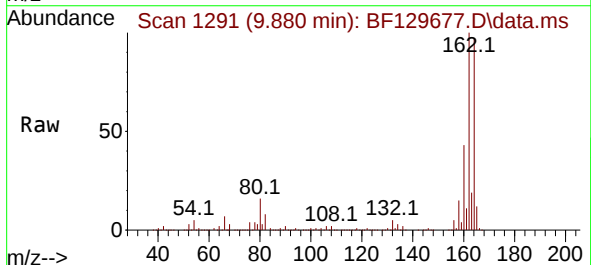
Instrument :
BNA_F
ClientSampleId :
RVE-206

Tgt Ion: 82 Resp: 916554
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: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129677.D
Acq: 09 Aug 2022 21:10

Tgt Ion: 164 Resp: 331691
Ion Ratio Lower Upper
164 100
162 102.8 79.5 119.3
160 44.4 34.2 51.4

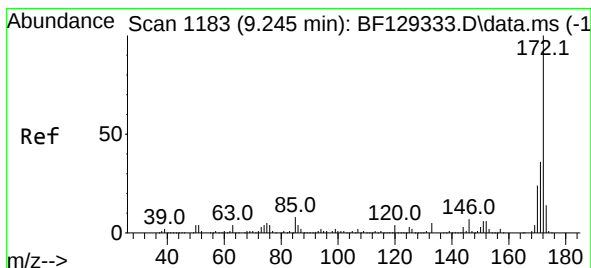
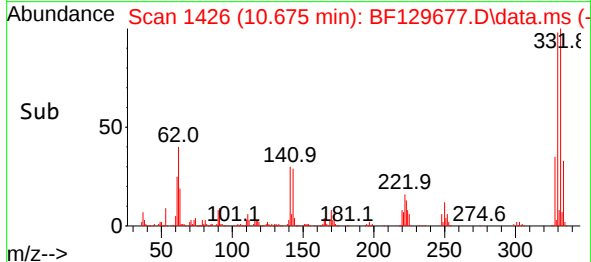
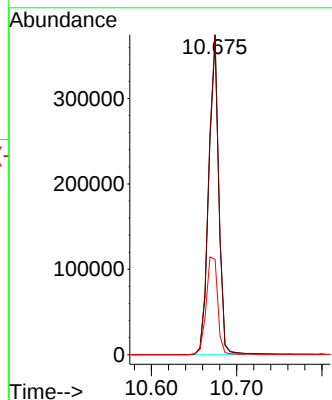
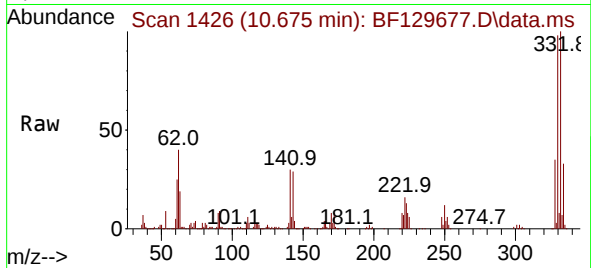




#42
2,4,6-Tribromophenol
Concen: 94.601 ng
RT: 10.675 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129677.D
Acq: 09 Aug 2022 21:10

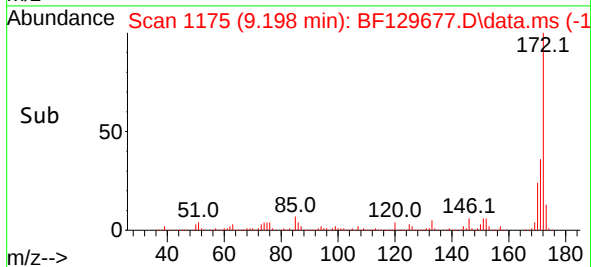
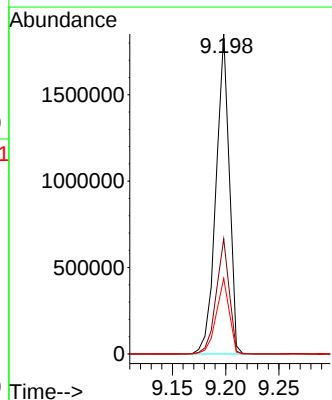
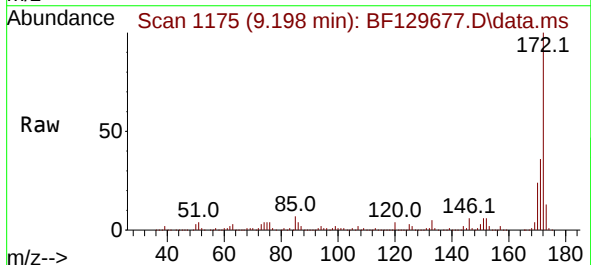
Instrument :
BNA_F
ClientSampleId :
RVE-206

Tgt Ion: 330 Resp: 301679
Ion Ratio Lower Upper
330 100
332 103.1 76.8 115.2
141 35.9 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 74.587 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129677.D
Acq: 09 Aug 2022 21:10

Tgt Ion: 172 Resp: 1599259
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.6 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.555 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF129677.D

Acq: 09 Aug 2022 21:10

Instrument :

BNA_F

ClientSampleId :

RVE-206

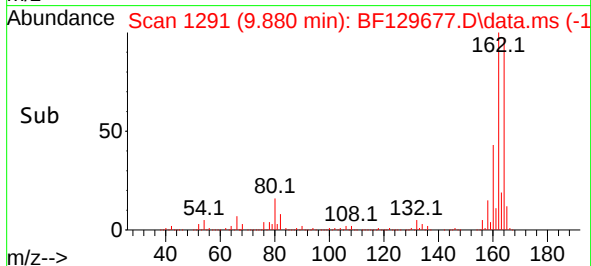
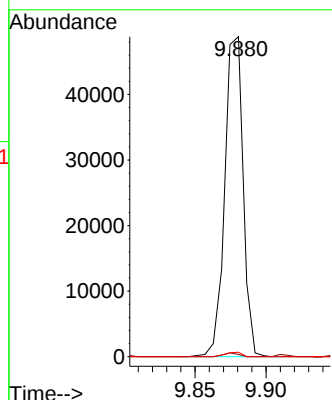
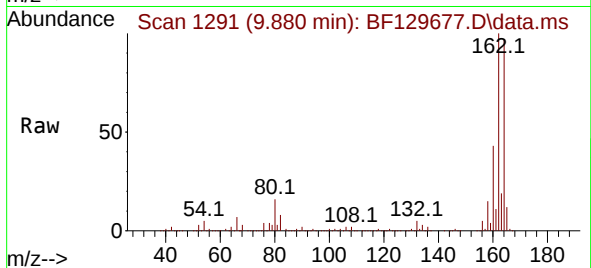
Tgt Ion:165 Resp: 43846

Ion Ratio Lower Upper

165 100

63 0.7 44.9 67.3#

89 1.4 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.549 ng

RT: 9.880 min Scan# 1291

Delta R.T. -0.206 min

Lab File: BF129677.D

Acq: 09 Aug 2022 21:10

Tgt Ion:165 Resp: 43846

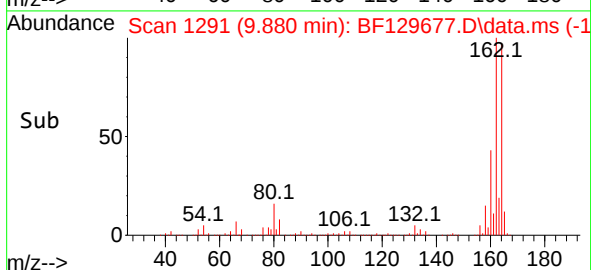
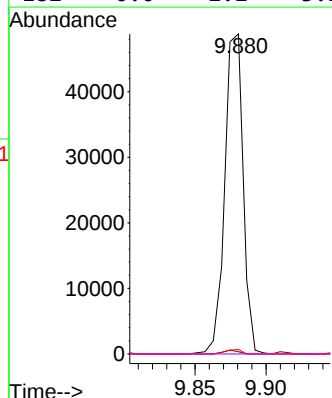
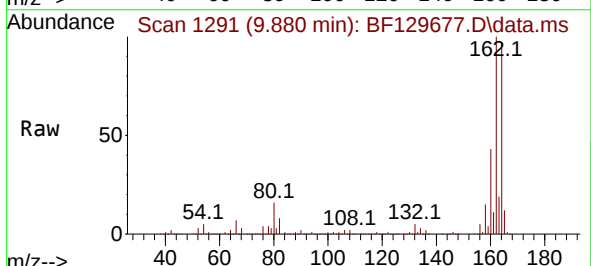
Ion Ratio Lower Upper

165 100

63 0.7 39.8 59.6#

89 1.4 60.2 90.2#

182 0.0 2.2 3.2#

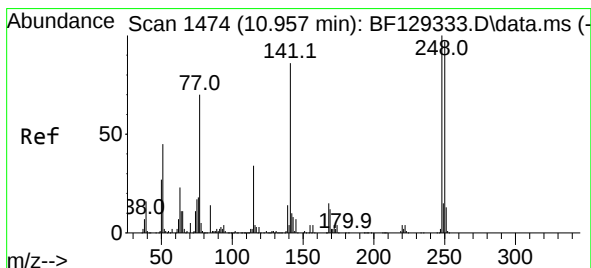
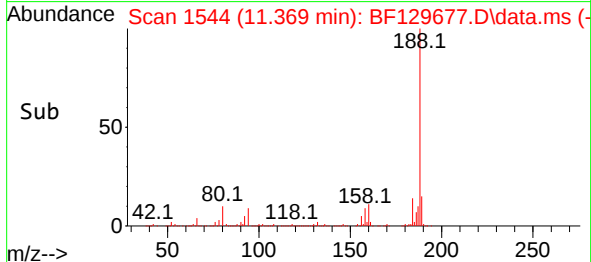
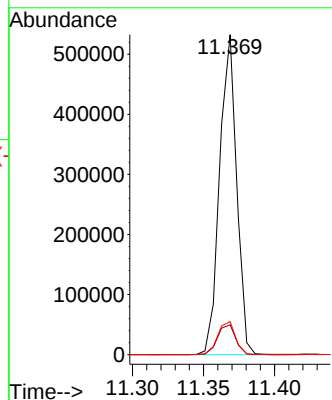
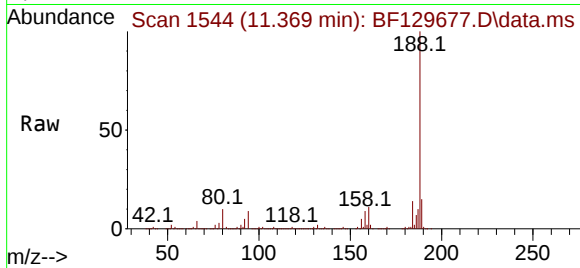




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129677.D
Acq: 09 Aug 2022 21:10

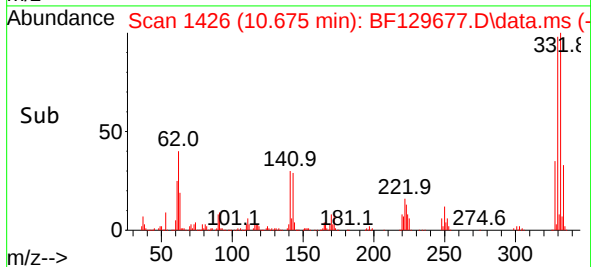
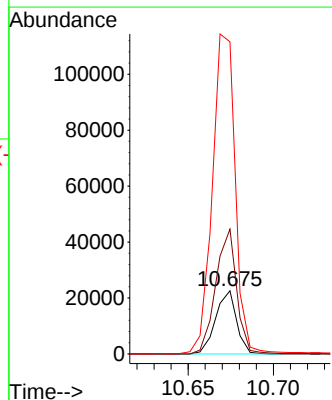
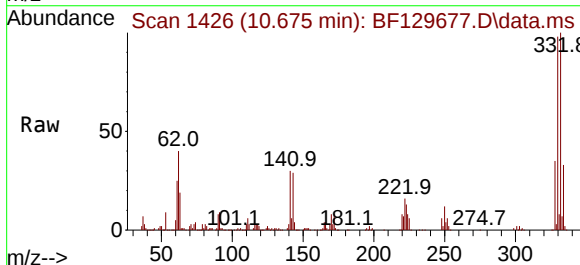
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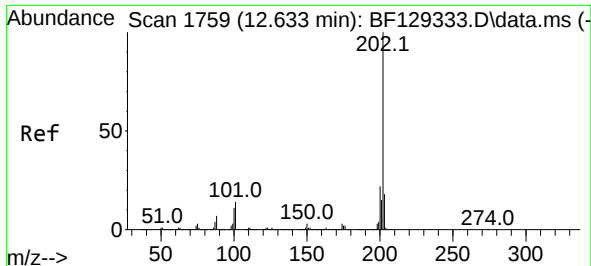
Tgt Ion:188 Resp: 443607
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.4 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.973 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF129677.D
Acq: 09 Aug 2022 21:10

Tgt Ion:248 Resp: 19299
Ion Ratio Lower Upper
248 100
250 197.5 80.6 120.8#
141 494.1 58.9 88.3#

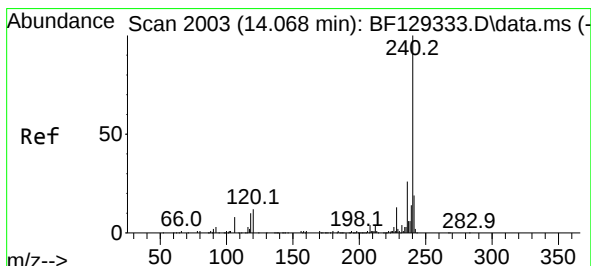
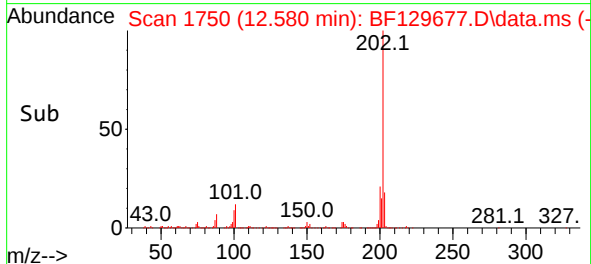
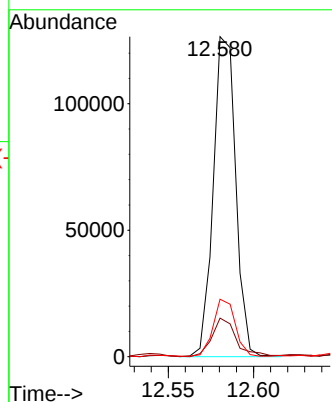
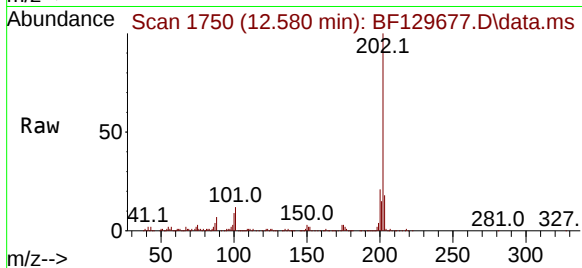




#75
Fluoranthene
Concen: 4.731 ng
RT: 12.580 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF129677.D
Acq: 09 Aug 2022 21:10

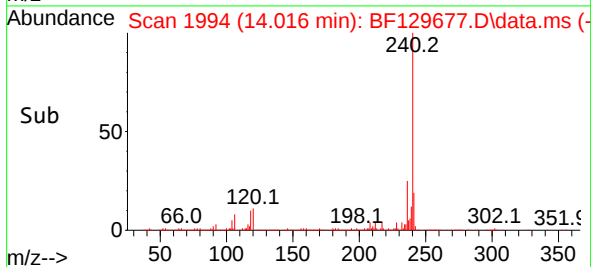
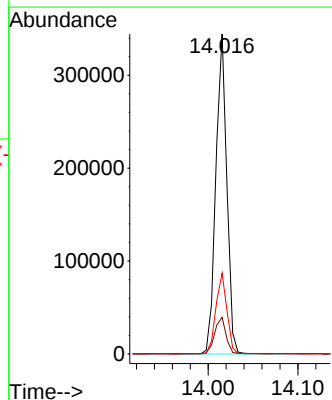
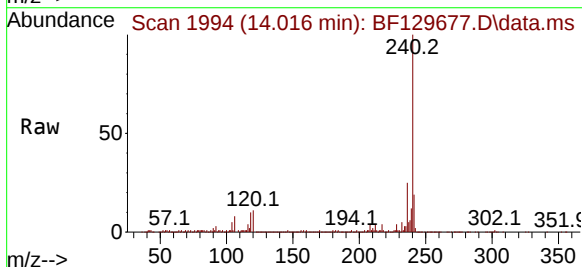
Instrument :
BNA_F
ClientSampleId :
RVE-206

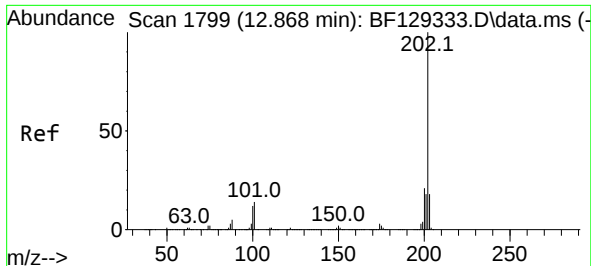
Tgt Ion:202 Resp: 116071
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.4
203 17.9 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129677.D
Acq: 09 Aug 2022 21:10

Tgt Ion:240 Resp: 292520
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 25.2 20.8 31.2

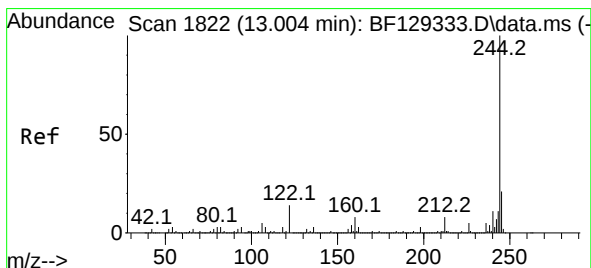
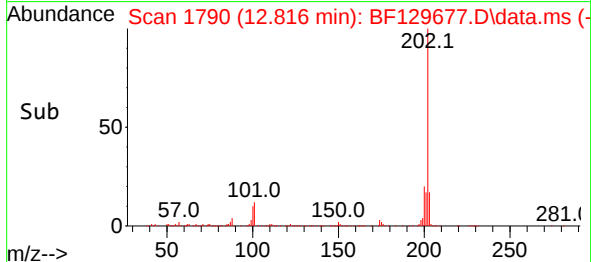
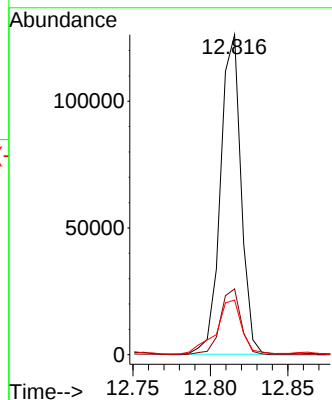
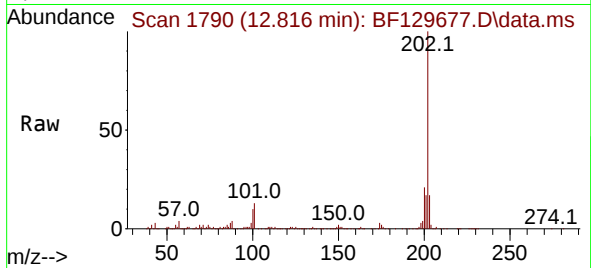




#78
Pyrene
Concen: 4.761 ng
RT: 12.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129677.D
Acq: 09 Aug 2022 21:10

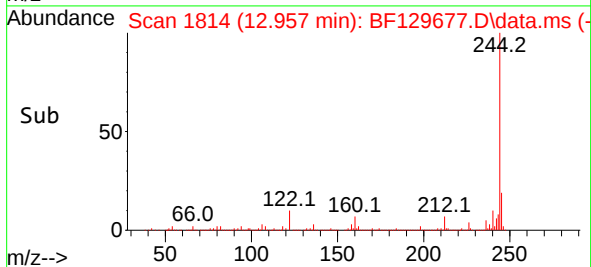
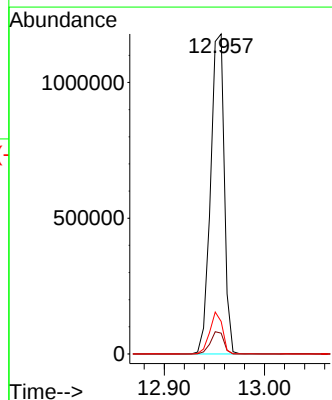
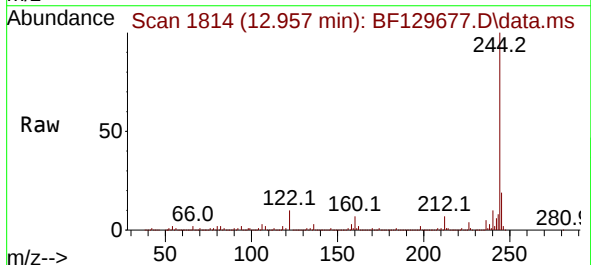
Instrument :
BNA_F
ClientSampleId :
RVE-206

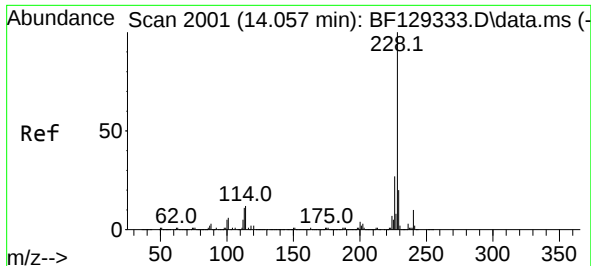
Tgt Ion:202 Resp: 116457
Ion Ratio Lower Upper
202 100
200 20.5 17.7 26.5
203 17.1 14.6 21.8



#79
Terphenyl-d14
Concen: 72.287 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF129677.D
Acq: 09 Aug 2022 21:10

Tgt Ion:244 Resp: 1120825
Ion Ratio Lower Upper
244 100
212 6.5 6.1 9.1
122 10.2 8.8 13.2

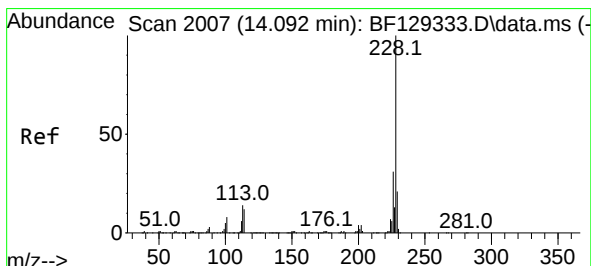
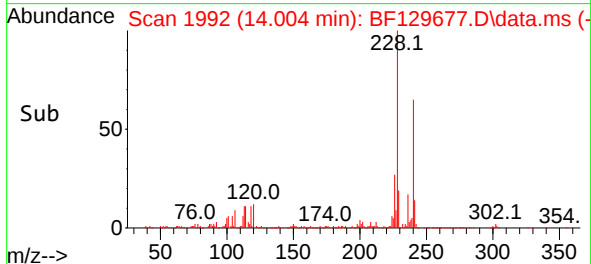
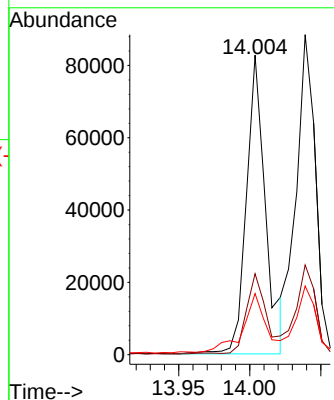
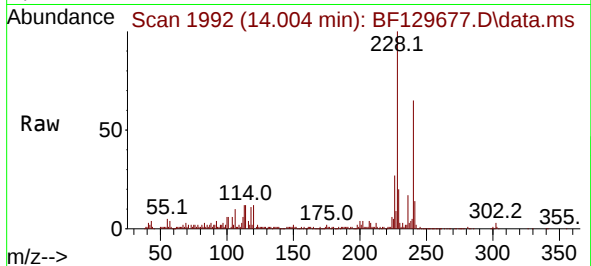




#81
Benzo(a)anthracene
Concen: 3.880 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF129677.D
Acq: 09 Aug 2022 21:10

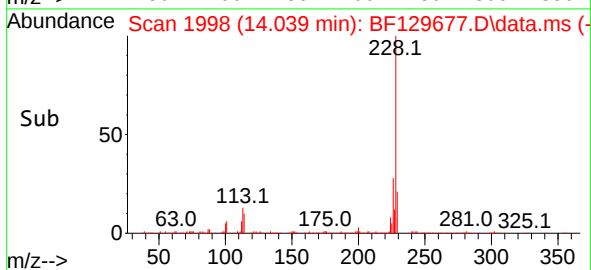
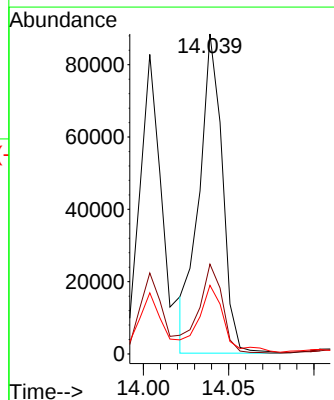
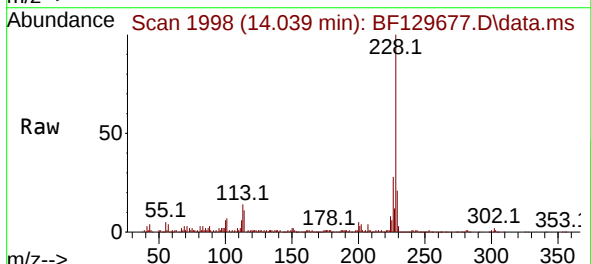
Instrument :
BNA_F
ClientSampleId :
RVE-206

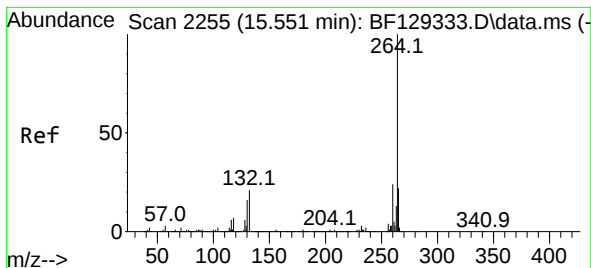
Tgt Ion:228 Resp: 77535
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 20.4 15.8 23.8



#83
Chrysene
Concen: 4.453 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129677.D
Acq: 09 Aug 2022 21:10

Tgt Ion:228 Resp: 83861
Ion Ratio Lower Upper
228 100
226 28.1 24.3 36.5
229 21.5 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF129677.D

Acq: 09 Aug 2022 21:10

Instrument :

BNA_F

ClientSampleId :

RVE-206

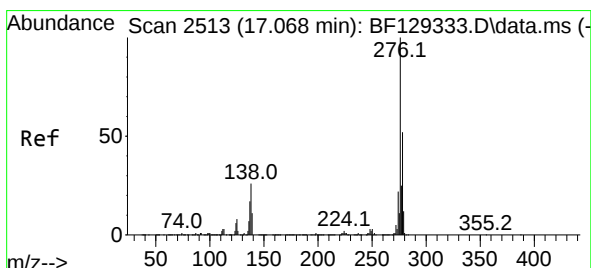
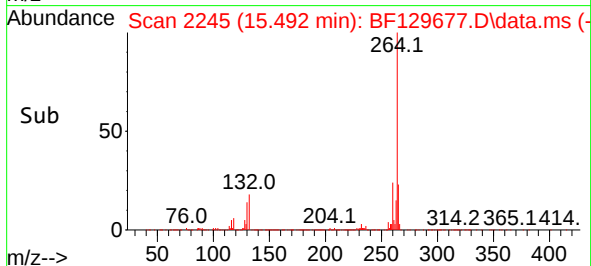
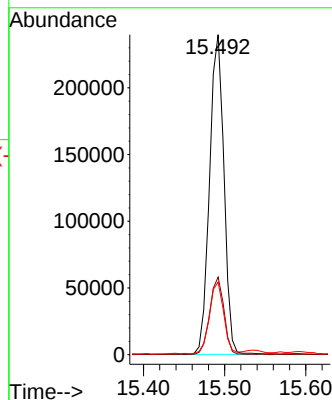
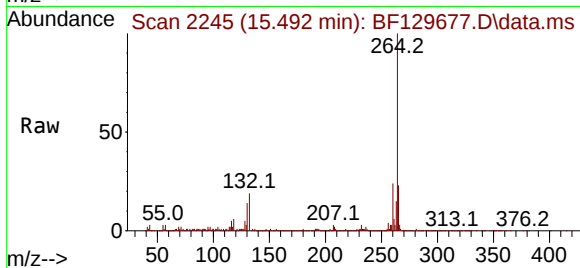
Tgt Ion:264 Resp: 294211

Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

265 22.7 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.878 ng

RT: 16.968 min Scan# 2496

Delta R.T. -0.029 min

Lab File: BF129677.D

Acq: 09 Aug 2022 21:10

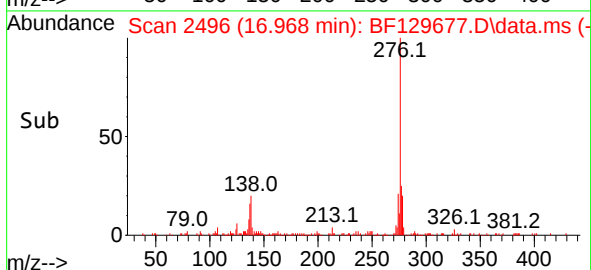
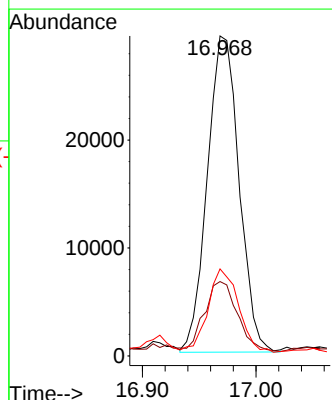
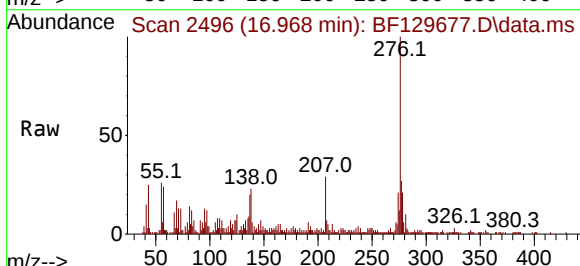
Tgt Ion:276 Resp: 57025

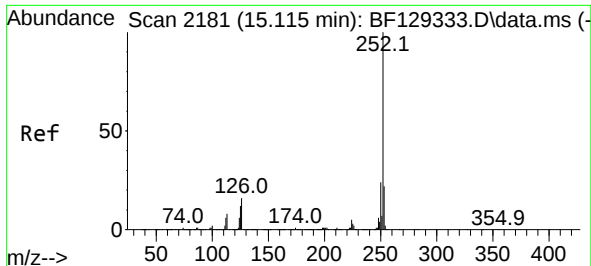
Ion Ratio Lower Upper

276 100

138 22.6 21.1 31.7

277 24.6 20.3 30.5

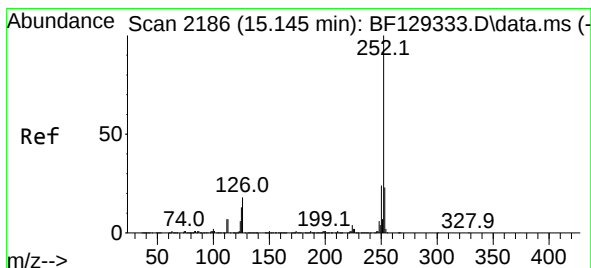
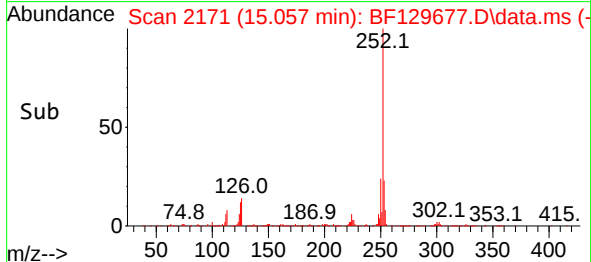
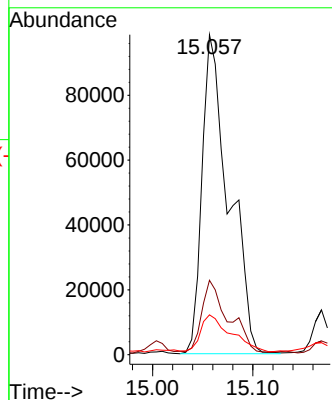
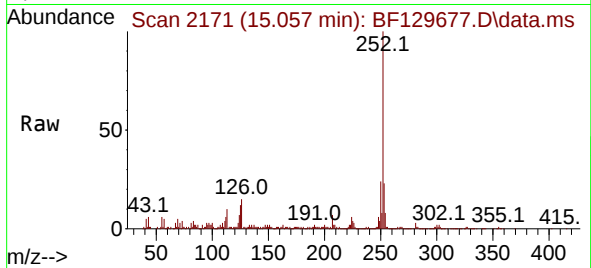




#88
Benzo(b)fluoranthene
Concen: 9.380 ng
RT: 15.057 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF129677.D
Acq: 09 Aug 2022 21:10

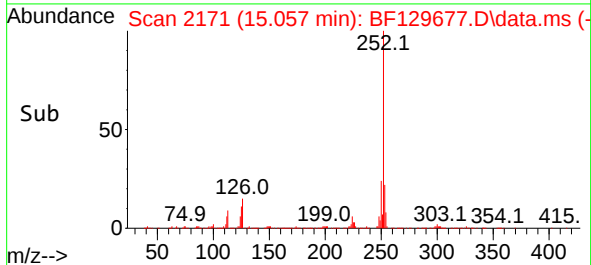
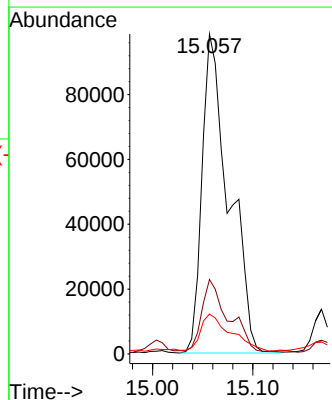
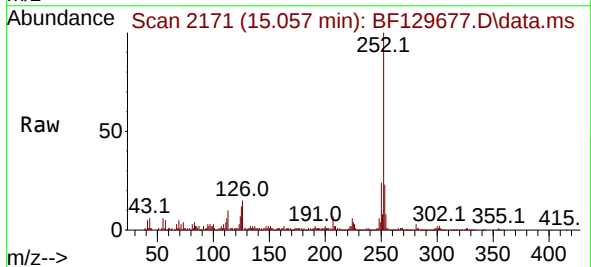
Instrument :
BNA_F
ClientSampleId :
RVE-206

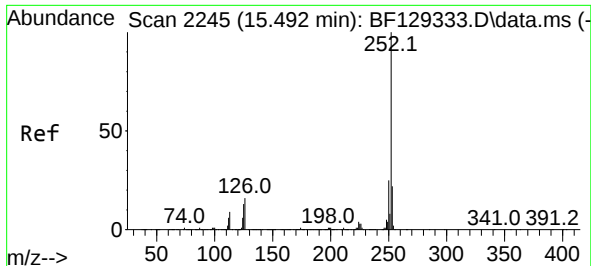
Tgt Ion:252 Resp: 183051
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 12.5 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 9.571 ng
RT: 15.057 min Scan# 2171
Delta R.T. -0.047 min
Lab File: BF129677.D
Acq: 09 Aug 2022 21:10

Tgt Ion:252 Resp: 183051
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 12.5 8.3 12.5

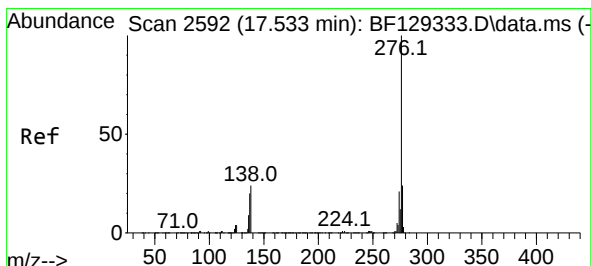
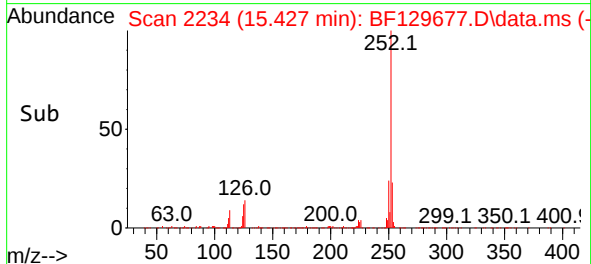
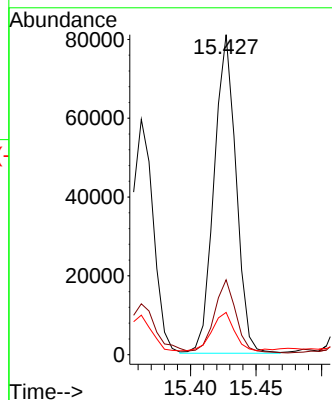
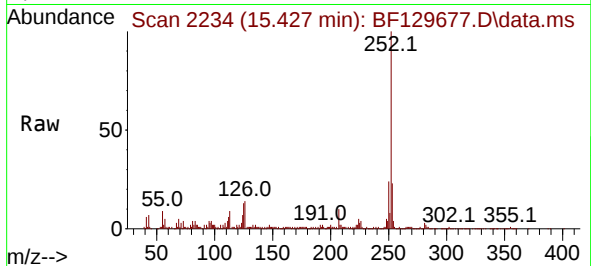




#90
Benzo(a)pyrene
Concen: 5.941 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129677.D
Acq: 09 Aug 2022 21:10

Instrument :
BNA_F
ClientSampleId :
RVE-206

Tgt Ion:252 Resp: 94119
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.6
125 13.2 8.8 13.2



#92
Benzo(g,h,i)perylene
Concen: 3.436 ng
RT: 17.421 min Scan# 2573
Delta R.T. -0.029 min
Lab File: BF129677.D
Acq: 09 Aug 2022 21:10

Tgt Ion:276 Resp: 56613
Ion Ratio Lower Upper
276 100
277 24.6 19.1 28.7
138 24.4 18.0 27.0

