

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129675.D
 Acq On : 09 Aug 2022 20:02
 Operator : CG\JU
 Sample : N3963-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-219D

Quant Time: Aug 10 05:33:56 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)

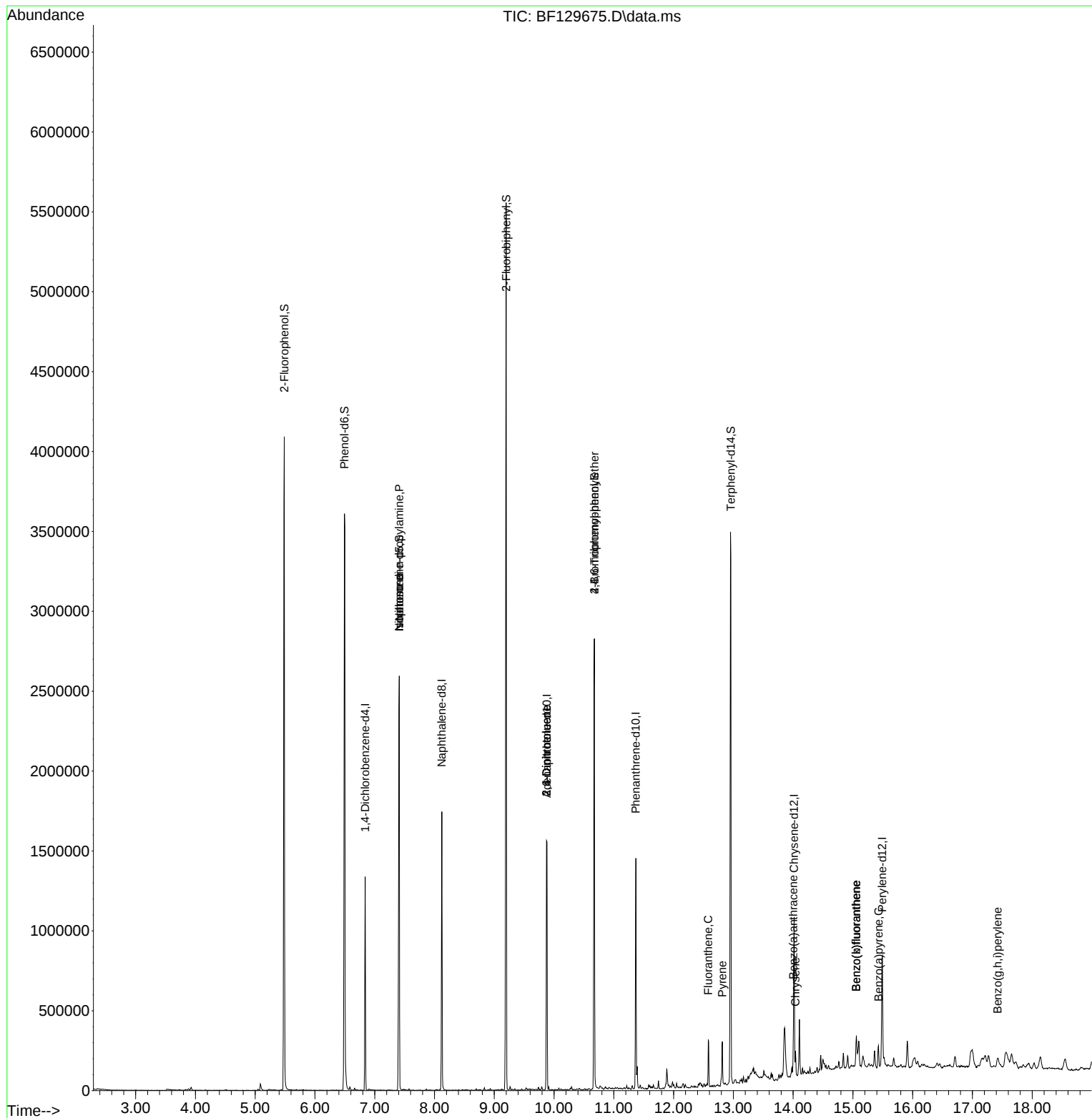
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	178464	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	691006	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	337944	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	484285	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	305403	20.000	ng	-0.01
86) Perylene-d12	15.492	264	312542	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1134715	103.575	ng	0.00
7) Phenol-d6	6.493	99	1437571	104.396	ng	-0.01
23) Nitrobenzene-d5	7.410	82	901450	71.213	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	325370	100.142	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1591626	72.857	ng	-0.01
79) Terphenyl-d14	12.957	244	1221856	75.478	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	121402	14.563	ng	# 73
25) Isophorone	7.410	82	897234	39.543	ng	# 65
51) 2,6-Dinitrotoluene	9.875	165	44333	8.490	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	44333	6.499	ng	# 21
67) 4-Bromophenyl-phenylether	10.675	248	20755	3.914	ng	# 1
75) Fluoranthene	12.580	202	115553	4.314	ng	98
78) Pyrene	12.816	202	110311	4.319	ng	95
81) Benzo(a)anthracene	14.004	228	57003	2.732	ng	96
83) Chrysene	14.039	228	56686	2.883	ng	97
88) Benzo(b)fluoranthene	15.057	252	124290	5.995	ng	# 98
89) Benzo(k)fluoranthene	15.057	252	124290	6.118	ng	99
90) Benzo(a)pyrene	15.427	252	60833	3.615	ng	# 96
92) Benzo(g,h,i)perylene	17.421	276	40361	2.306	ng	97

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

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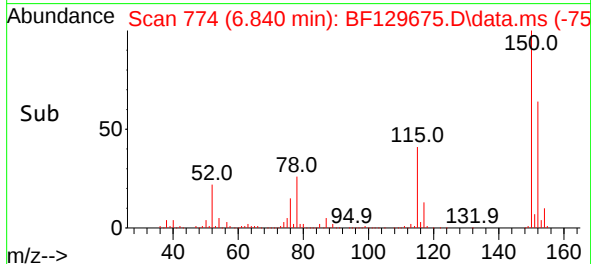
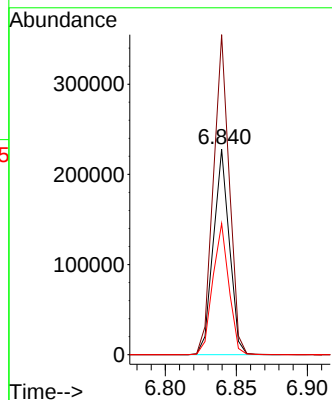
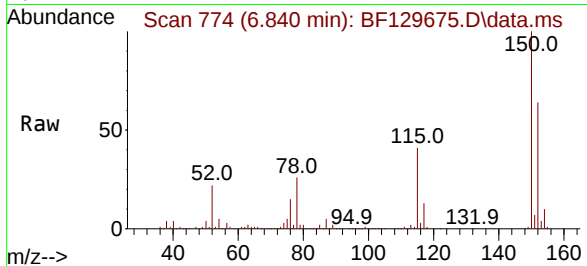




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

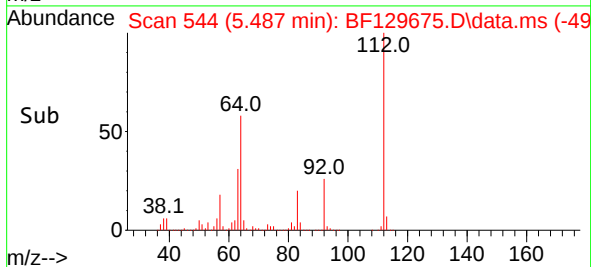
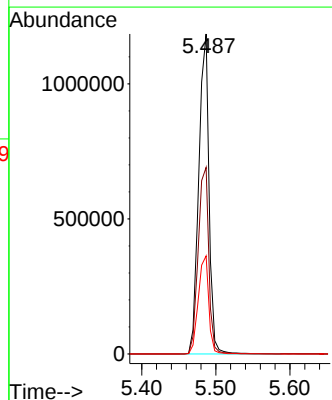
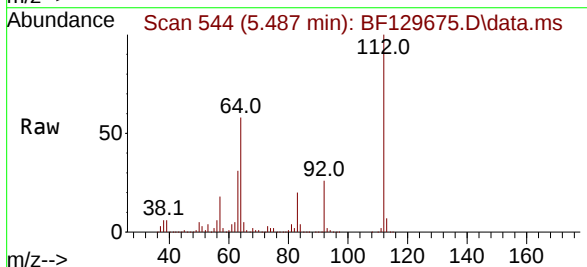
Instrument :
BNA_F
ClientSampleId :
RVE-219D

Tgt Ion:152 Resp: 178464
Ion Ratio Lower Upper
152 100
150 155.8 123.7 185.5
115 63.9 49.9 74.9



#5
2-Fluorophenol
Concen: 103.575 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.006 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

Tgt Ion:112 Resp: 1134715
Ion Ratio Lower Upper
112 100
64 58.3 53.3 79.9
63 30.7 28.0 42.0



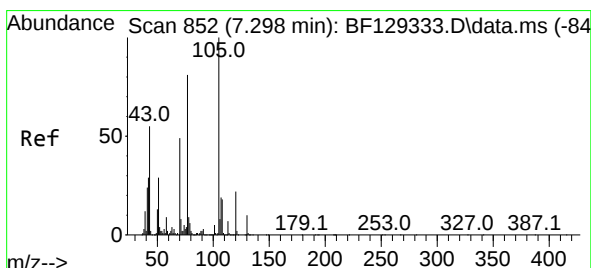
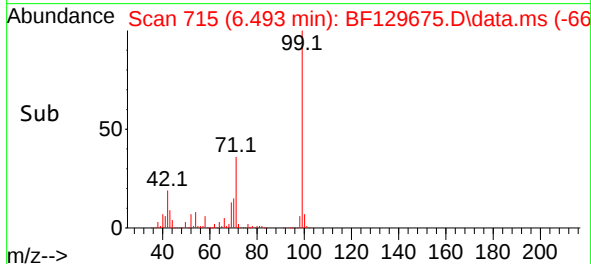
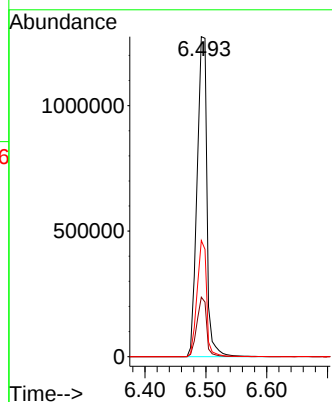
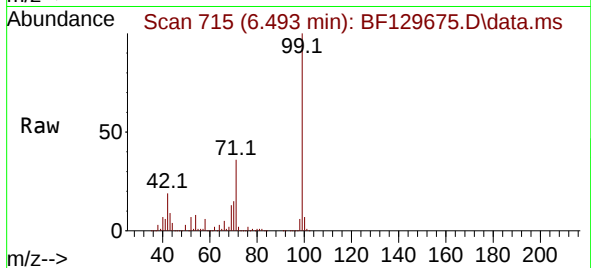


#7
Phenol-d6
Concen: 104.396 ng
RT: 6.493 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

Instrument :
BNA_F
ClientSampleId :
RVE-219D

Tgt Ion: 99 Resp: 1437571

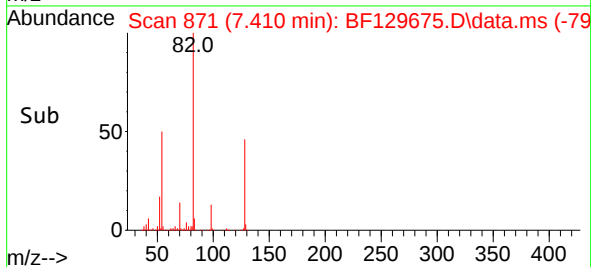
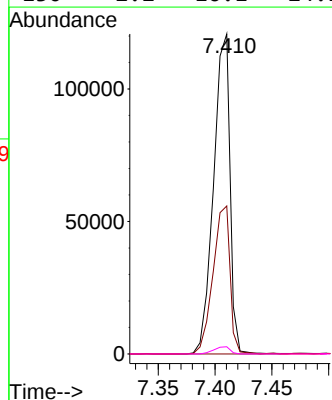
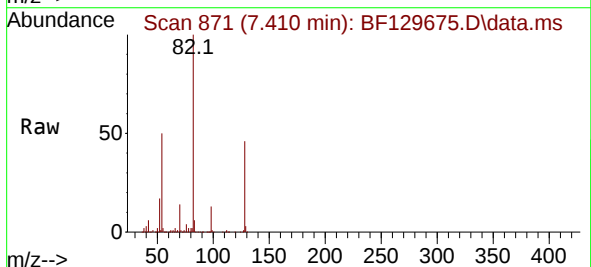
Ion	Ratio	Lower	Upper
99	100		
42	18.6	17.3	25.9
71	36.3	28.9	43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.563 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

Tgt Ion: 70 Resp: 121402

Ion	Ratio	Lower	Upper
70	100		
42	46.2	52.3	78.5#
101	0.0	7.5	11.3#
130	2.2	16.1	24.1#



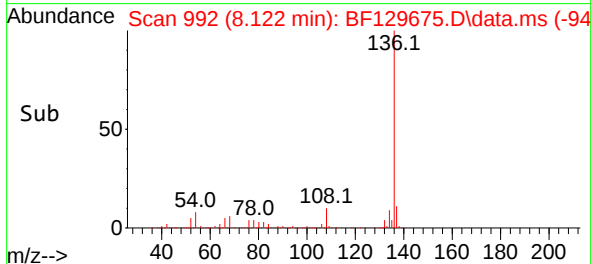
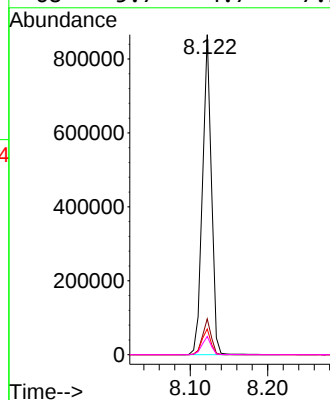
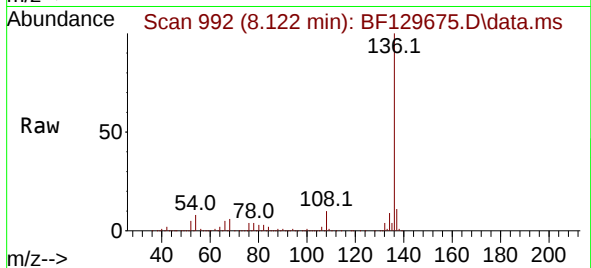


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

Instrument :
BNA_F
ClientSampleId :
RVE-219D

Tgt Ion:136 Resp: 691006

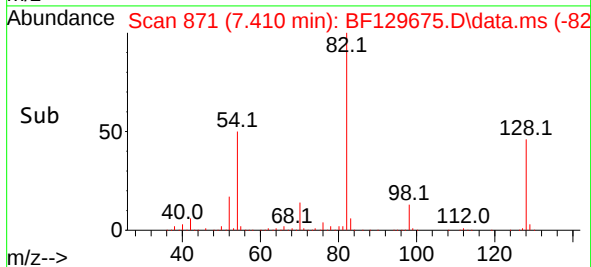
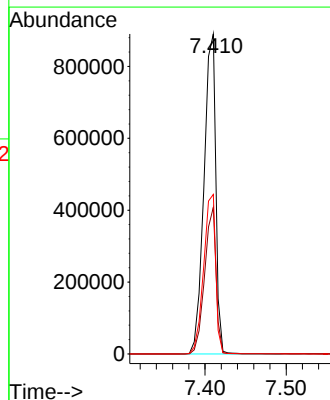
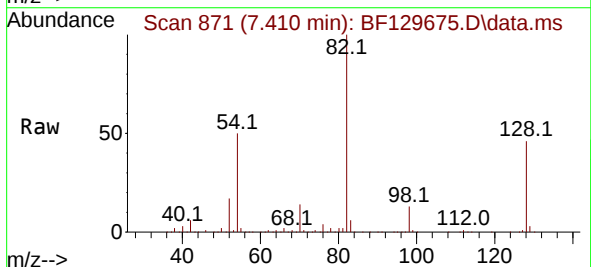
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.1	7.5	11.3
68	5.7	4.7	7.1



#23
Nitrobenzene-d5
Concen: 71.213 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

Tgt Ion: 82 Resp: 901450

Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.0	51.0
54	49.9	46.9	70.3

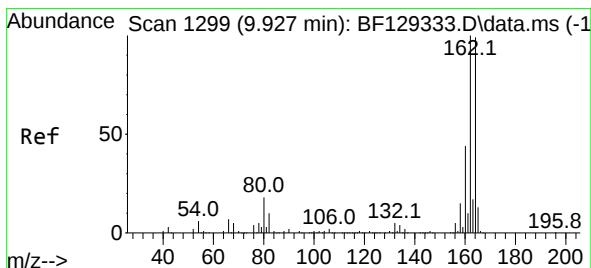
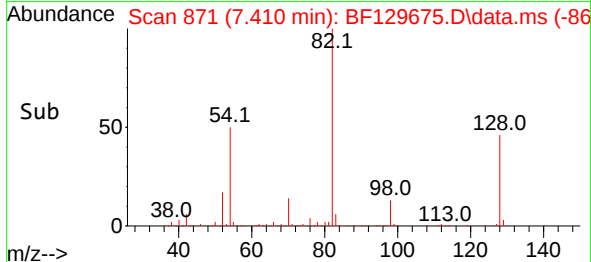
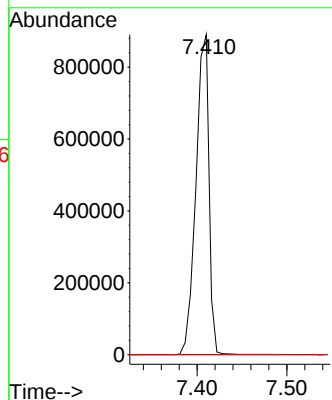
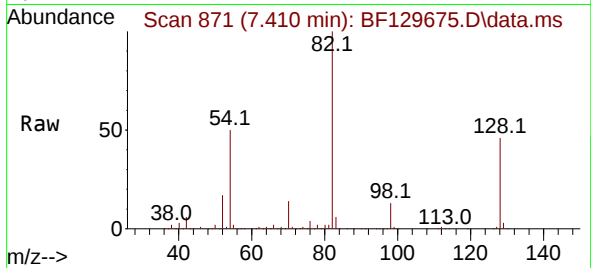




#25
Isophorone
Concen: 39.543 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

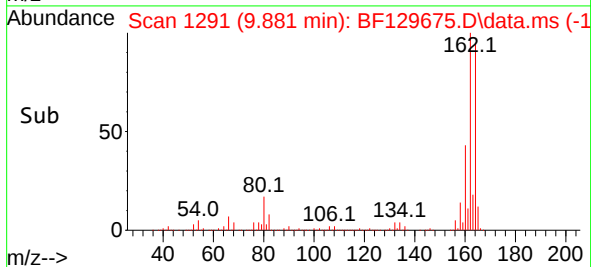
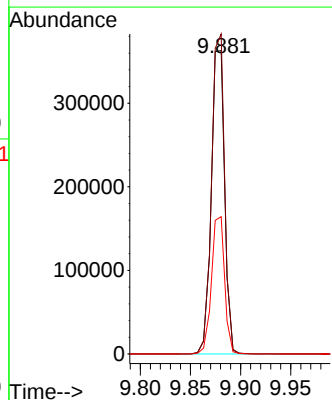
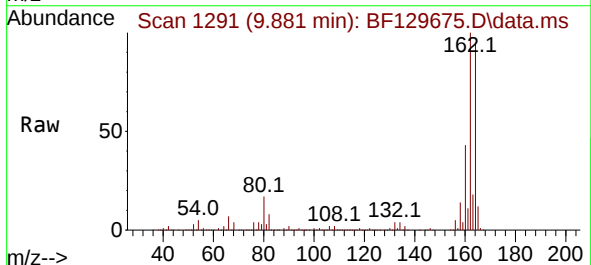
Instrument :
BNA_F
ClientSampleId :
RVE-219D

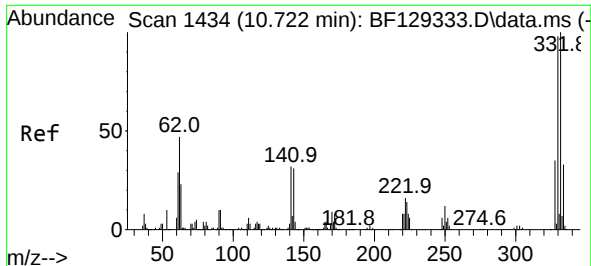
Tgt Ion: 82 Resp: 897234
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

Tgt Ion: 164 Resp: 337944
Ion Ratio Lower Upper
164 100
162 105.5 79.5 119.3
160 45.2 34.2 51.4

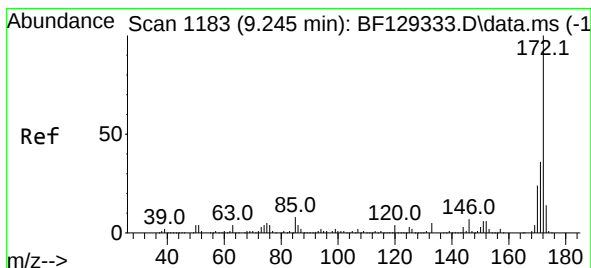
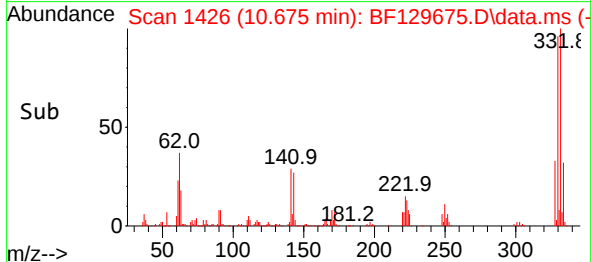
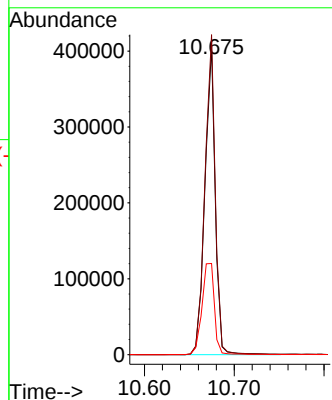
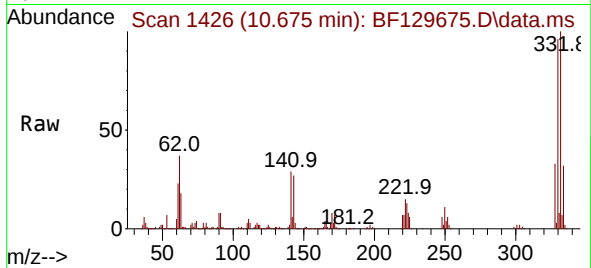




#42
2,4,6-Tribromophenol
Concen: 100.142 ng
RT: 10.675 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

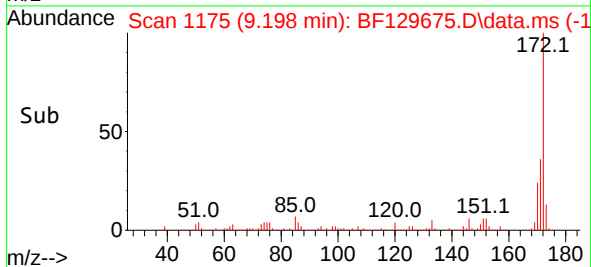
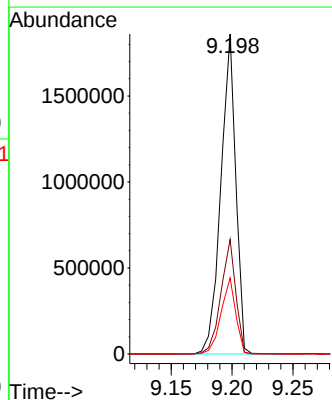
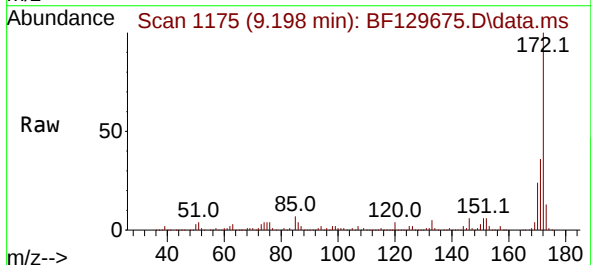
Instrument :
BNA_F
ClientSampleId :
RVE-219D

Tgt Ion:330 Resp: 325370
Ion Ratio Lower Upper
330 100
332 104.5 76.8 115.2
141 35.8 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 72.857 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

Tgt Ion:172 Resp: 1591626
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.8 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.490 ng

RT: 9.875 min Scan# 1290

Delta R.T. 0.194 min

Lab File: BF129675.D

Acq: 09 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

RVE-219D

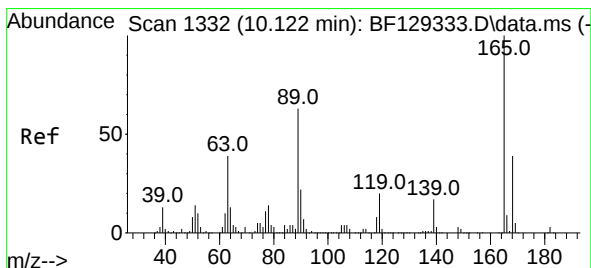
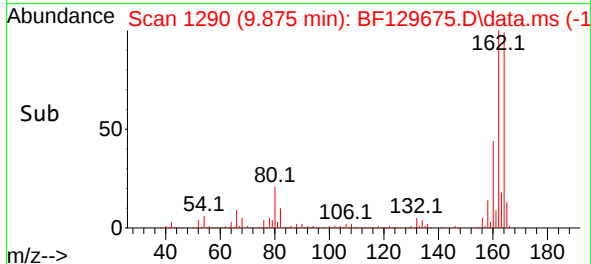
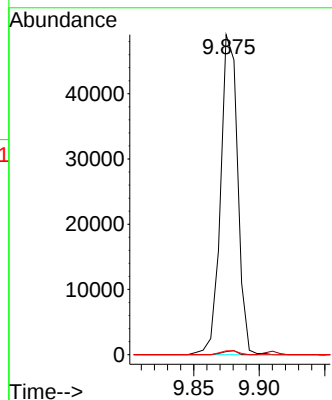
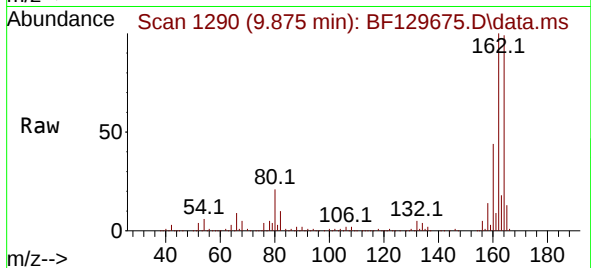
Tgt Ion:165 Resp: 44333

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.2 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.499 ng

RT: 9.875 min Scan# 1290

Delta R.T. -0.212 min

Lab File: BF129675.D

Acq: 09 Aug 2022 20:02

Tgt Ion:165 Resp: 44333

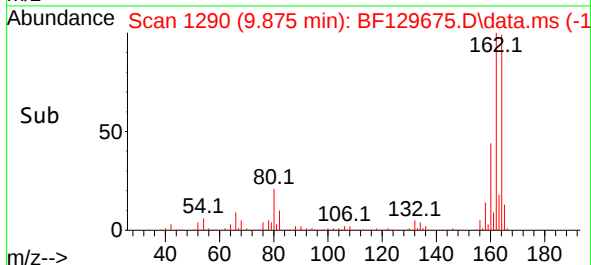
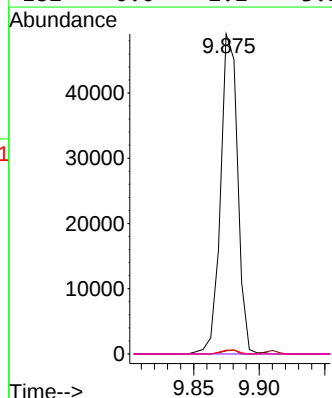
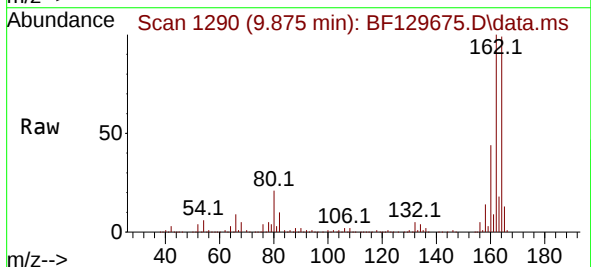
Ion Ratio Lower Upper

165 100

63 1.0 39.8 59.6#

89 1.2 60.2 90.2#

182 0.0 2.2 3.2#

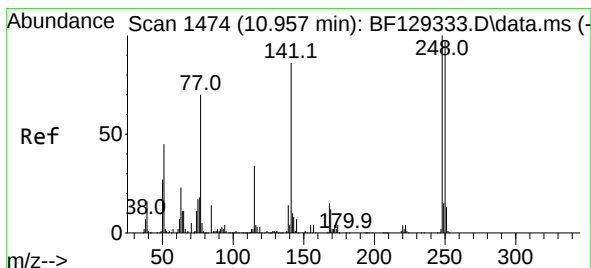
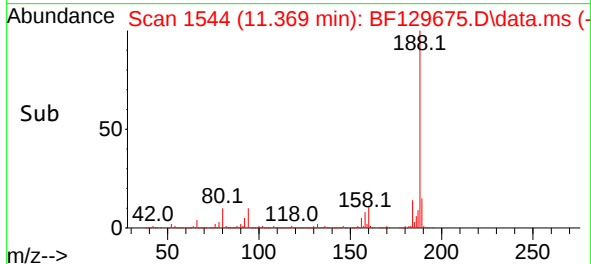
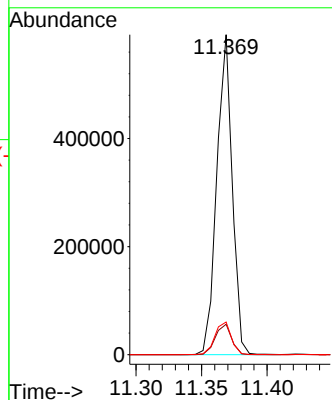
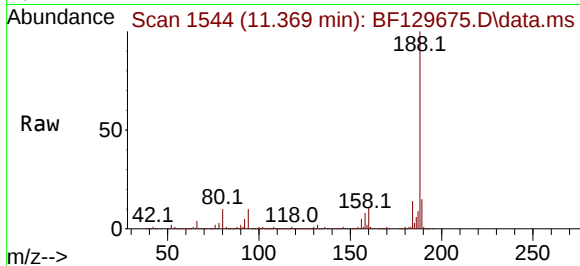




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

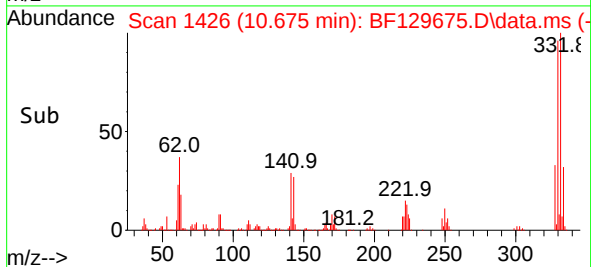
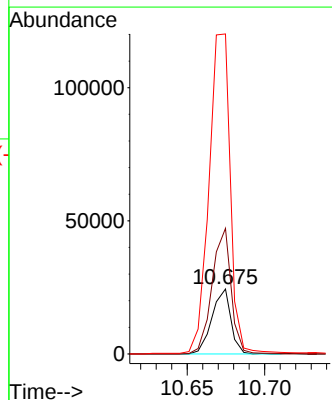
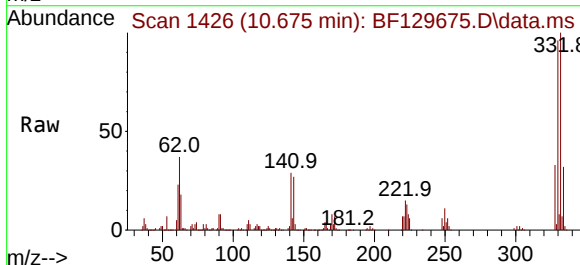
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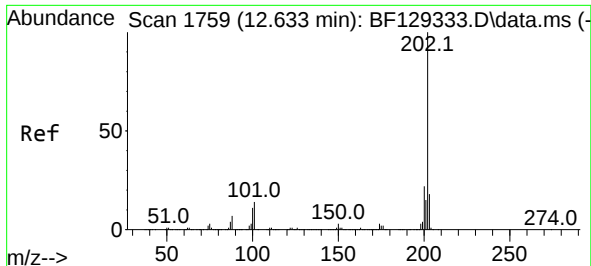
Tgt Ion:188 Resp: 484285
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.2 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.914 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

Tgt Ion:248 Resp: 20755
Ion Ratio Lower Upper
248 100
250 193.5 80.6 120.8#
141 492.8 58.9 88.3#

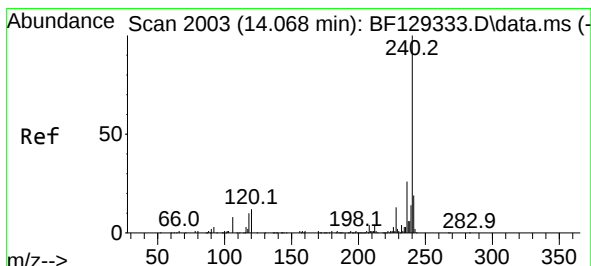
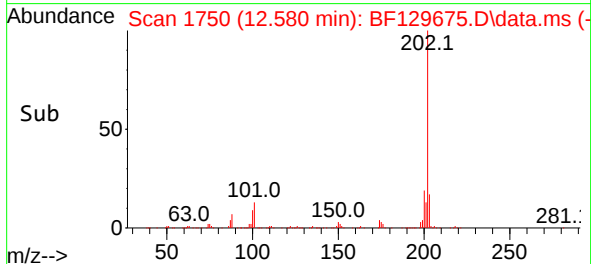
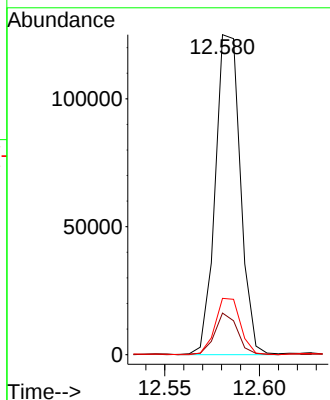
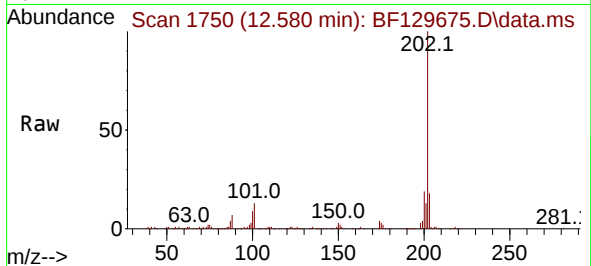




#75
Fluoranthene
Concen: 4.314 ng
RT: 12.580 min Scan# 1759
Delta R.T. -0.018 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

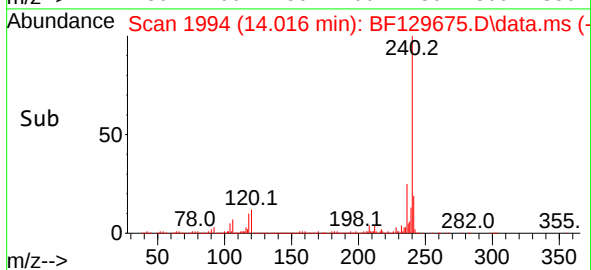
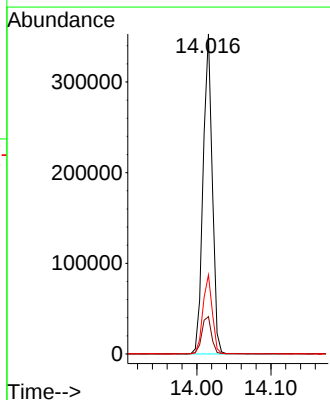
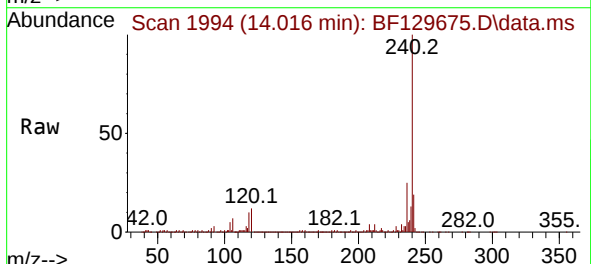
Instrument :
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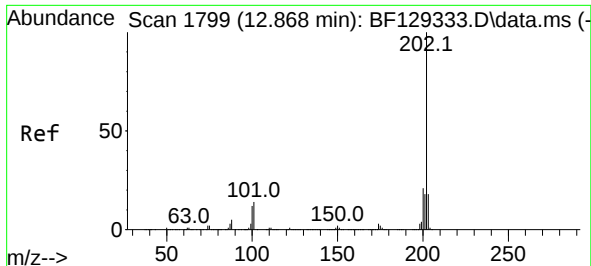
Tgt Ion:202 Resp: 115553
Ion Ratio Lower Upper
202 100
101 13.0 0.0 31.4
203 17.6 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

Tgt Ion:240 Resp: 305403
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 24.7 20.8 31.2

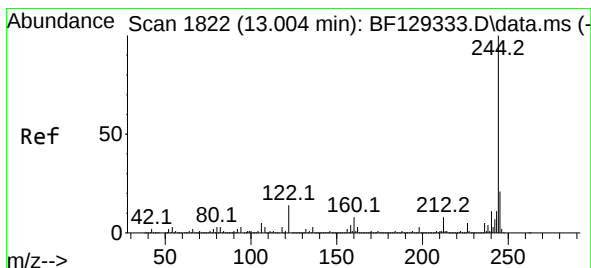
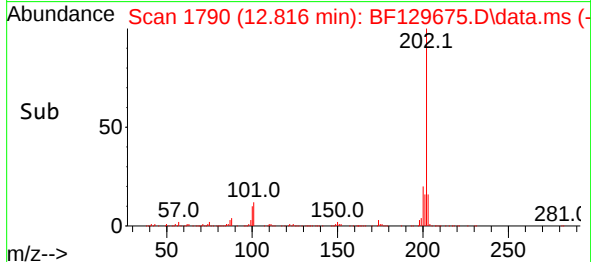
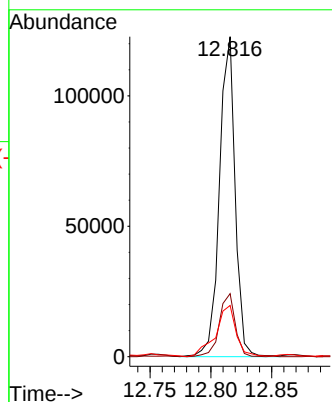
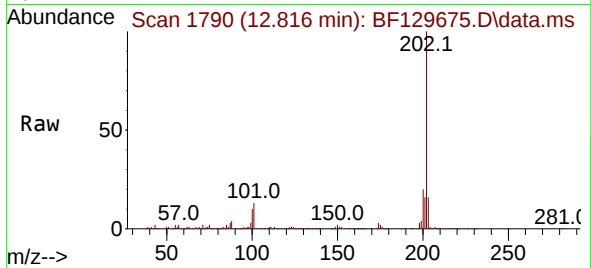




#78
Pyrene
Concen: 4.319 ng
RT: 12.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

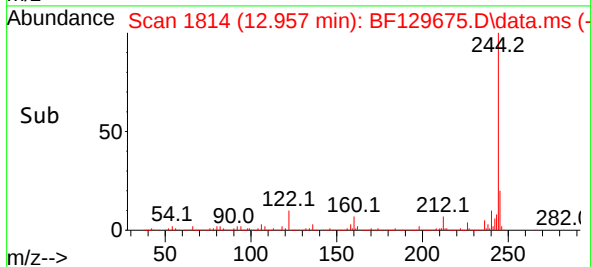
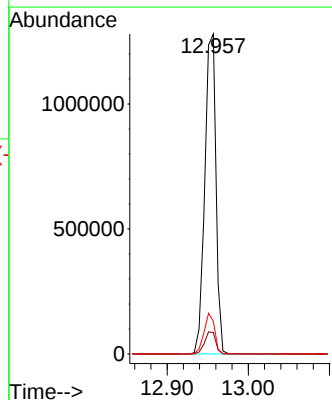
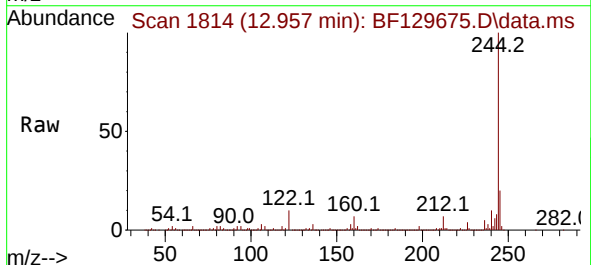
Instrument :
BNA_F
ClientSampleId :
RVE-219D

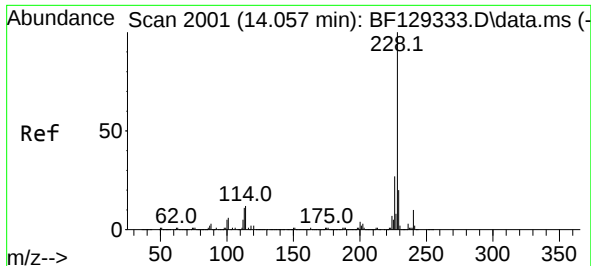
Tgt Ion:202 Resp: 110311
Ion Ratio Lower Upper
202 100
200 19.7 17.7 26.5
203 16.0 14.6 21.8



#79
Terphenyl-d14
Concen: 75.478 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

Tgt Ion:244 Resp: 1221856
Ion Ratio Lower Upper
244 100
212 6.7 6.1 9.1
122 10.3 8.8 13.2

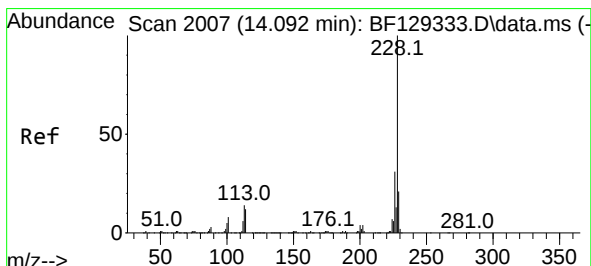
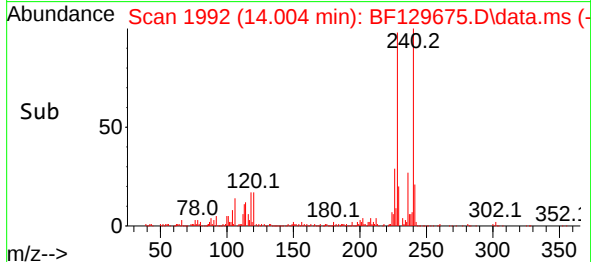
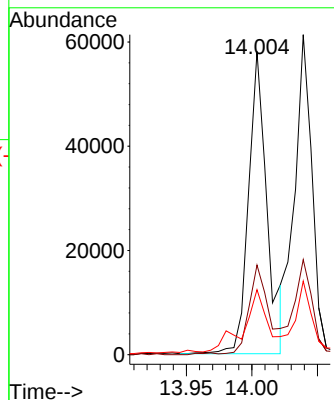
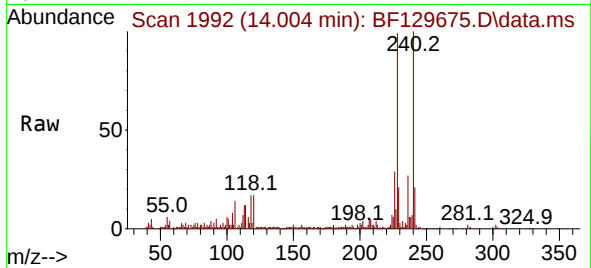




#81
Benzo(a)anthracene
Concen: 2.732 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

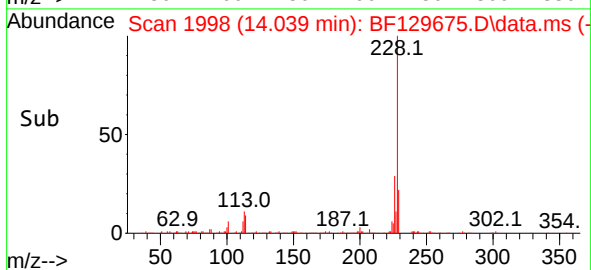
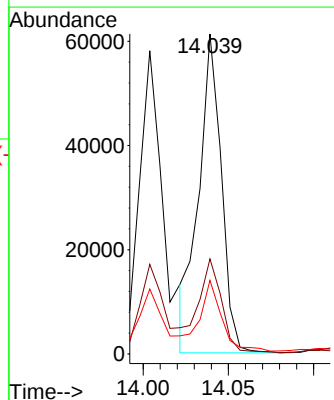
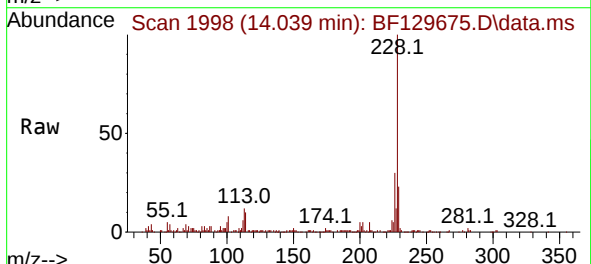
Instrument :
BNA_F
ClientSampleId :
RVE-219D

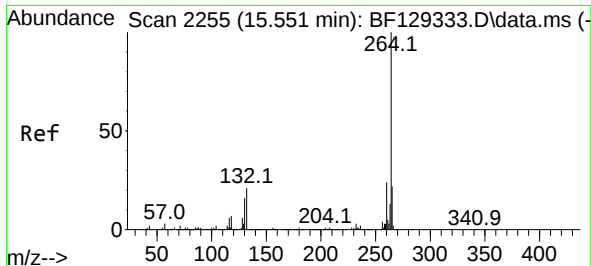
Tgt Ion:228 Resp: 57003
Ion Ratio Lower Upper
228 100
226 29.5 22.1 33.1
229 21.4 15.8 23.8



#83
Chrysene
Concen: 2.883 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

Tgt Ion:228 Resp: 56686
Ion Ratio Lower Upper
228 100
226 29.7 24.3 36.5
229 23.0 15.9 23.9

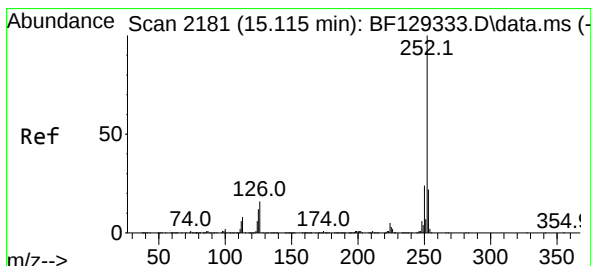
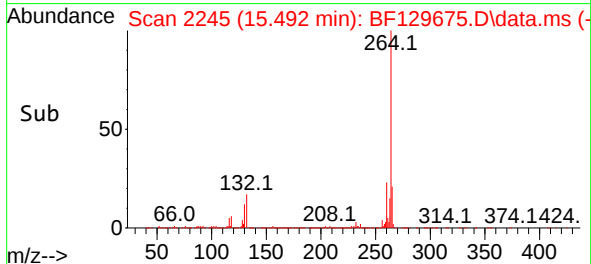
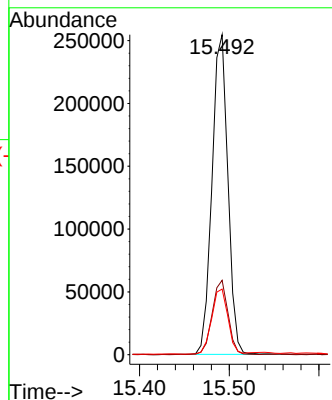
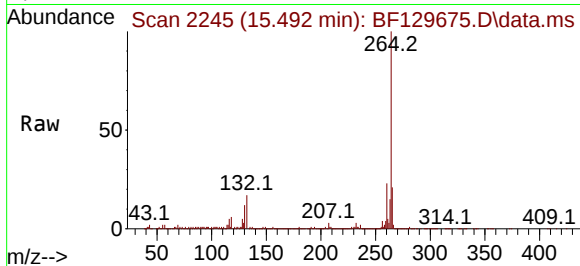




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

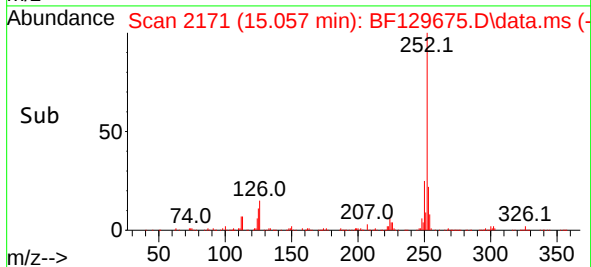
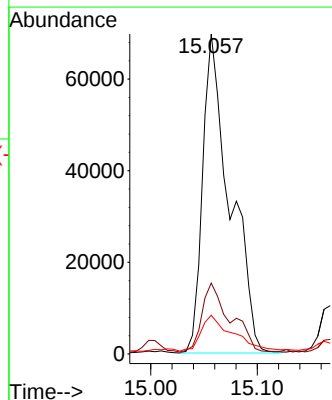
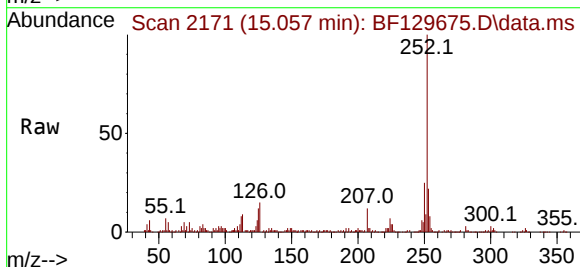
Instrument :
BNA_F
ClientSampleId :
RVE-219D

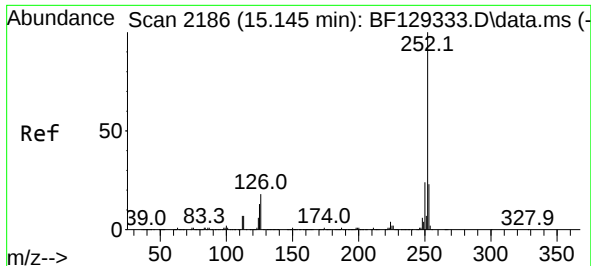
Tgt Ion:264 Resp: 312542
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 20.5 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 5.995 ng
RT: 15.057 min Scan# 2171
Delta R.T. -0.012 min
Lab File: BF129675.D
Acq: 09 Aug 2022 20:02

Tgt Ion:252 Resp: 124290
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 12.1 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 6.118 ng

RT: 15.057 min Scan# 21

Delta R.T. -0.047 min

Lab File: BF129675.D

Acq: 09 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

RVE-219D

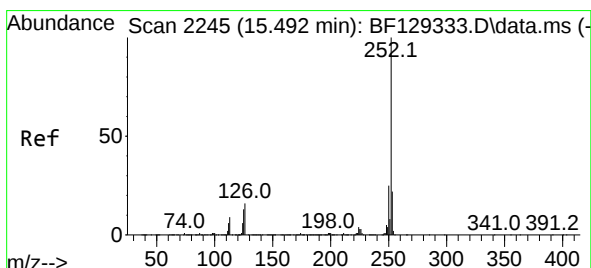
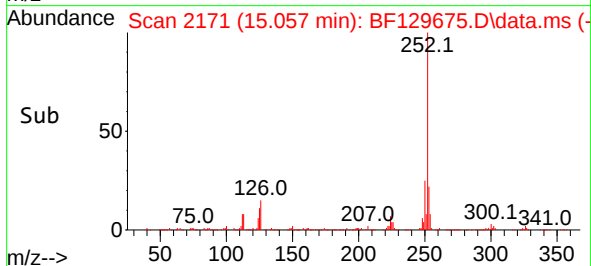
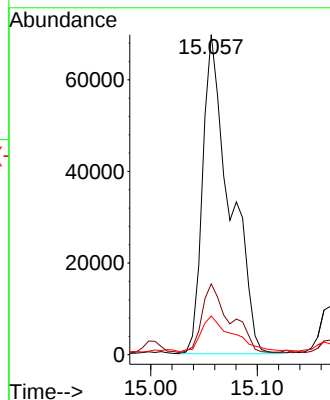
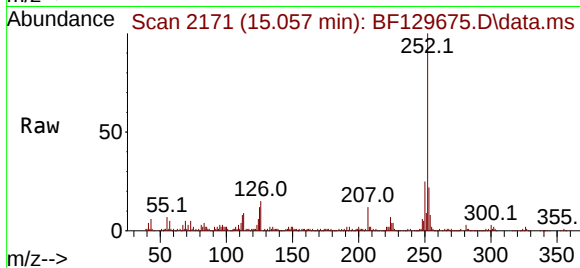
Tgt Ion:252 Resp: 124290

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 12.1 8.3 12.5



#90

Benzo(a)pyrene

Concen: 3.615 ng

RT: 15.427 min Scan# 2234

Delta R.T. -0.012 min

Lab File: BF129675.D

Acq: 09 Aug 2022 20:02

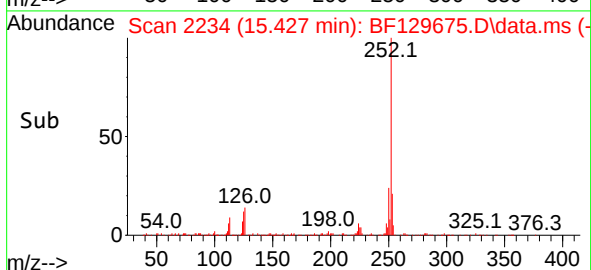
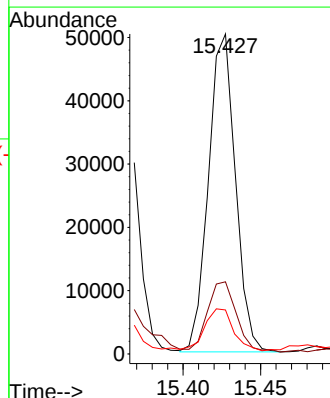
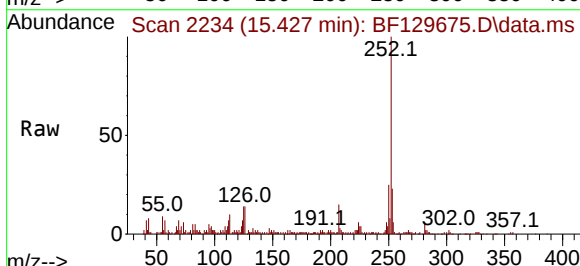
Tgt Ion:252 Resp: 60833

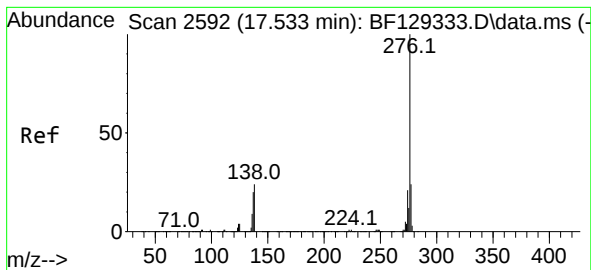
Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

125 13.7 8.8 13.2#





#92

Benzo(g,h,i)perylene

Concen: 2.306 ng

RT: 17.421 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF129675.D

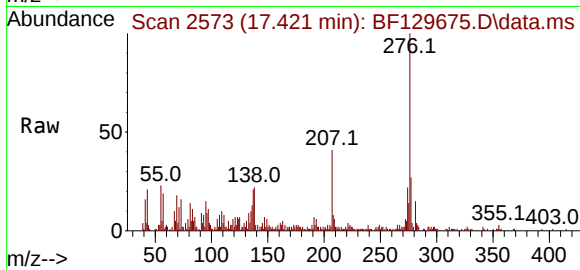
Acq: 09 Aug 2022 20:02

Instrument :

BNA_F

ClientSampleId :

RVE-219D



Tgt Ion:276 Resp: 40361

Ion Ratio Lower Upper

276 100

277 26.9 19.1 28.7

138 22.3 18.0 27.0

