

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129663.D
 Acq On : 09 Aug 2022 13:05
 Operator : CG\JU
 Sample : N3963-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-213

Quant Time: Aug 09 15:16:58 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)

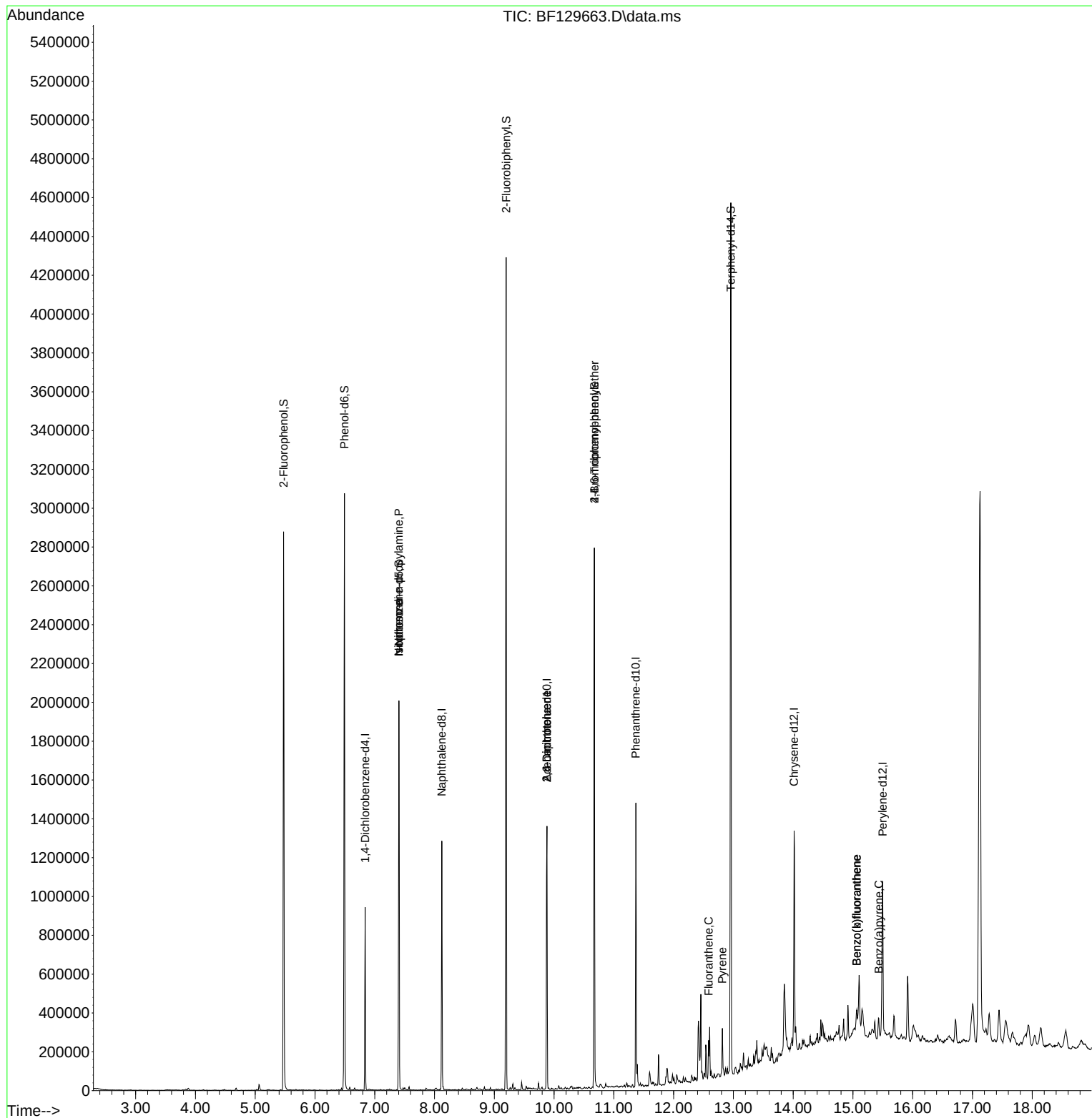
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	119388	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	486605	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	264877	20.000	ng	-0.01
64) Phenanthrene-d10	11.368	188	472125	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	368628	20.000	ng	-0.01
86) Perylene-d12	15.498	264	365821	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	772593	105.417	ng	0.00
7) Phenol-d6	6.492	99	948708	102.986	ng	-0.01
23) Nitrobenzene-d5	7.404	82	606981	68.093	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	289881	113.831	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1189070	69.445	ng	-0.01
79) Terphenyl-d14	12.957	244	1410299	72.177	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	82429	14.781	ng	# 72
25) Isophorone	7.404	82	605145	37.873	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	34920	8.532	ng	# 26
57) 2,4-Dinitrotoluene	9.880	165	34920	6.532	ng	# 21
67) 4-Bromophenyl-phenylether	10.674	248	18068	3.495	ng	# 1
75) Fluoranthene	12.586	202	64006	2.451	ng	99
78) Pyrene	12.815	202	86826	2.817	ng	97
88) Benzo(b)fluoranthene	15.062	252	69496	2.864	ng	# 93
89) Benzo(k)fluoranthene	15.062	252	69496	2.922	ng	# 93
90) Benzo(a)pyrene	15.433	252	39882	2.025	ng	# 91

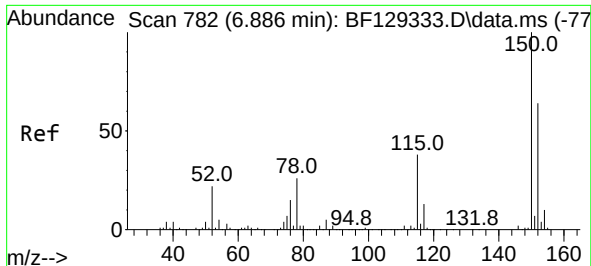
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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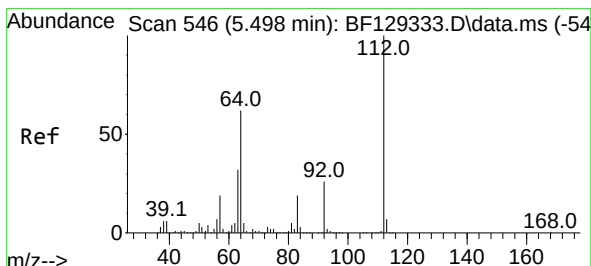
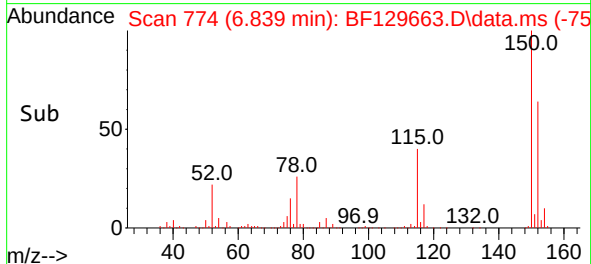
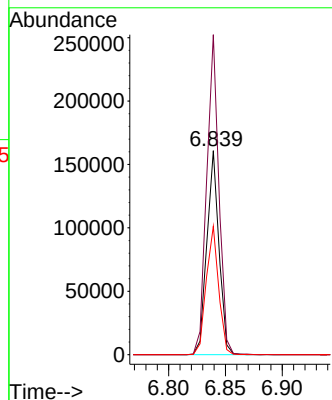
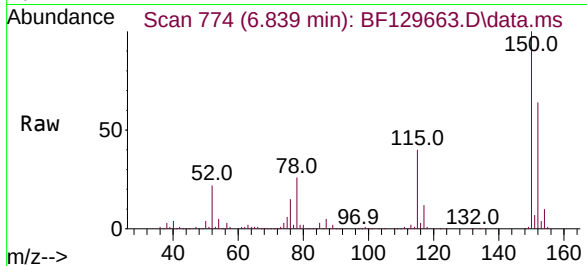




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF129663.D
 Acq: 09 Aug 2022 13:05

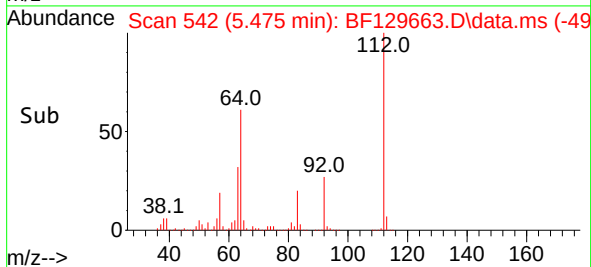
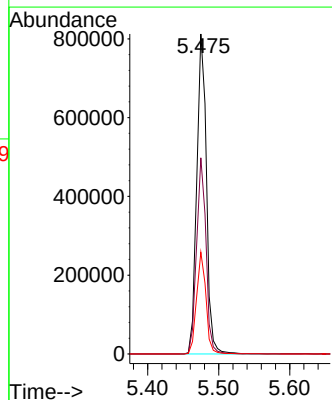
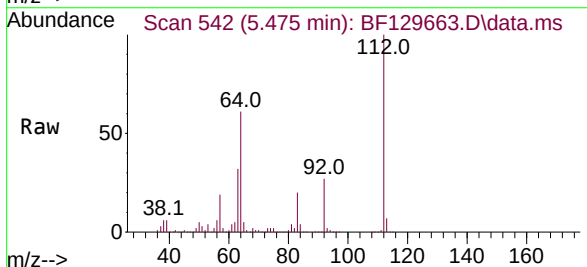
Instrument :
 BNA_F
 ClientSampleId :
 RVE-213

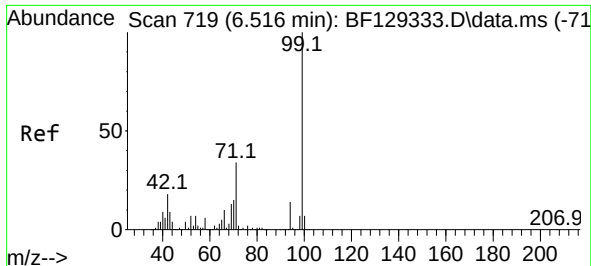
Tgt Ion:152 Resp: 119388
 Ion Ratio Lower Upper
 152 100
 150 156.8 123.7 185.5
 115 62.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 105.417 ng
 RT: 5.475 min Scan# 542
 Delta R.T. -0.006 min
 Lab File: BF129663.D
 Acq: 09 Aug 2022 13:05

Tgt Ion:112 Resp: 772593
 Ion Ratio Lower Upper
 112 100
 64 61.3 53.3 79.9
 63 31.8 28.0 42.0

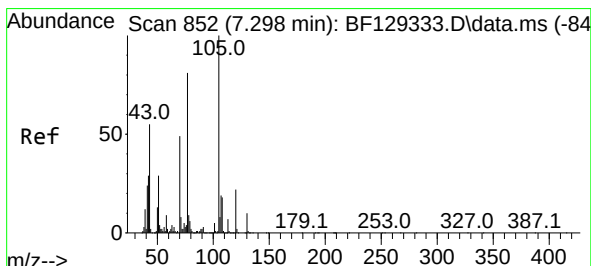
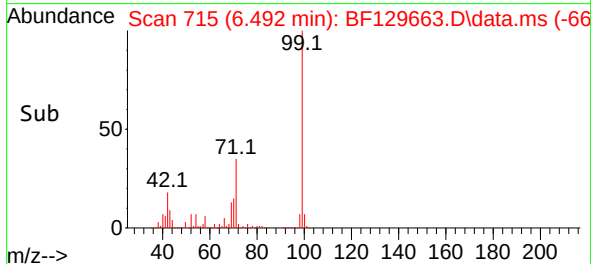
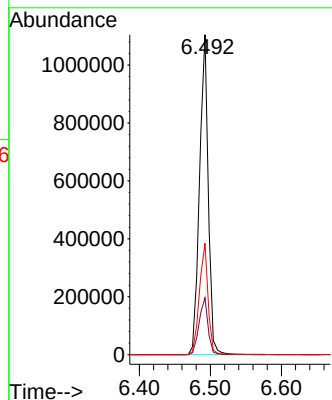
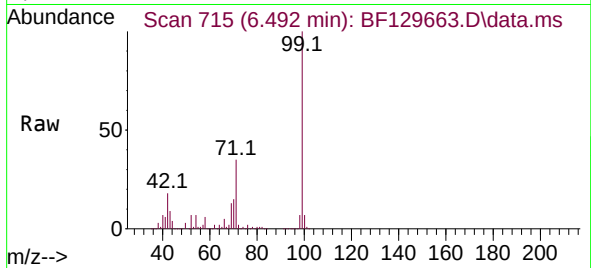




#7
Phenol-d6
Concen: 102.986 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129663.D
Acq: 09 Aug 2022 13:05

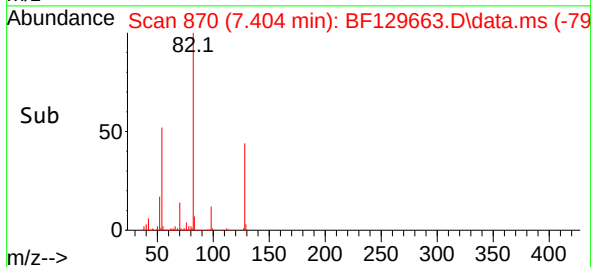
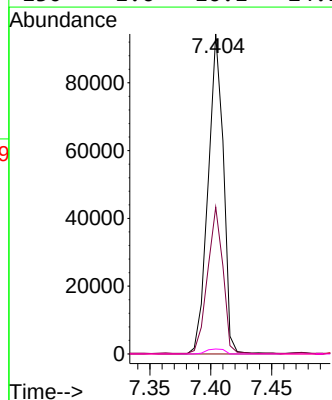
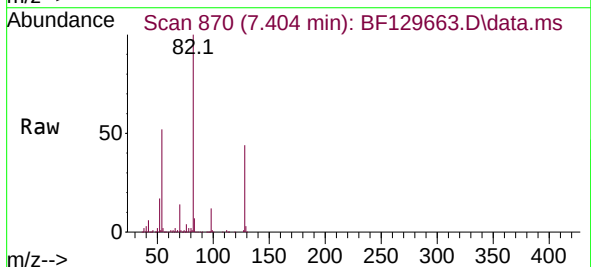
Instrument :
BNA_F
ClientSampleId :
RVE-213

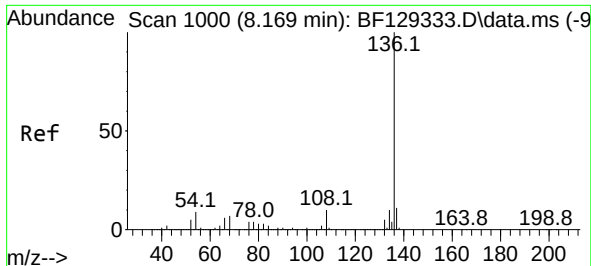
Tgt Ion: 99 Resp: 948708
Ion Ratio Lower Upper
99 100
42 17.8 17.3 25.9
71 34.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.781 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF129663.D
Acq: 09 Aug 2022 13:05

Tgt Ion: 70 Resp: 82429
Ion Ratio Lower Upper
70 100
42 45.9 52.3 78.5#
101 0.0 7.5 11.3#
130 1.6 16.1 24.1#



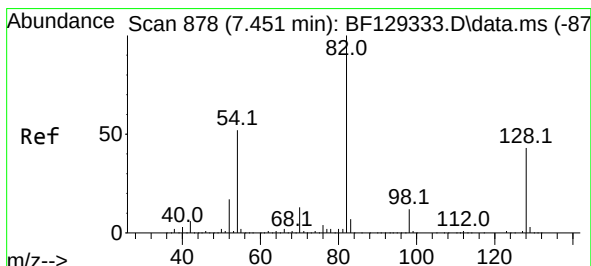
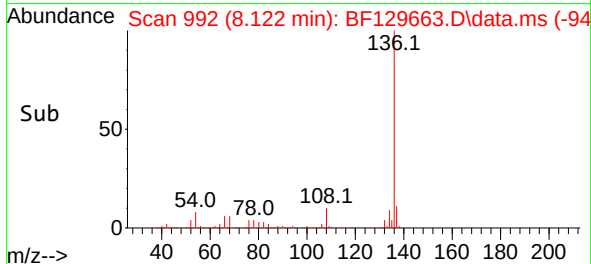
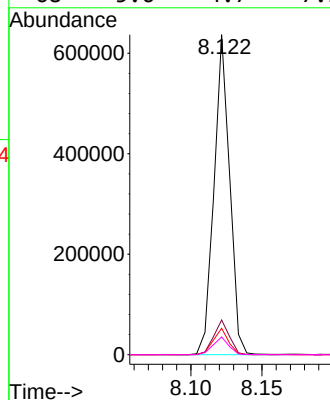
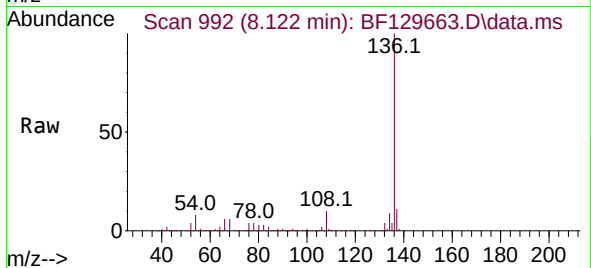


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129663.D
Acq: 09 Aug 2022 13:05

Instrument :
BNA_F
ClientSampleId :
RVE-213

Tgt Ion:136 Resp: 486605

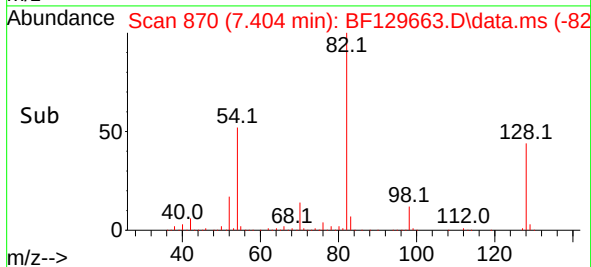
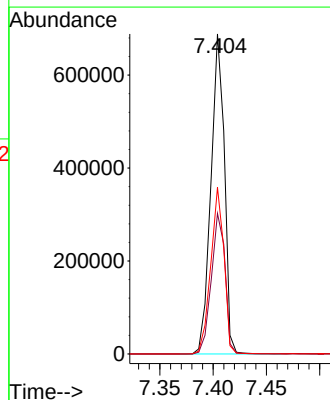
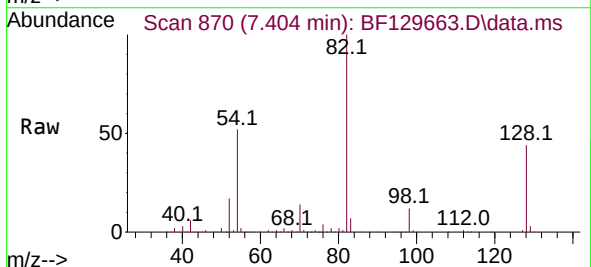
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.2	7.5	11.3
68	5.6	4.7	7.1

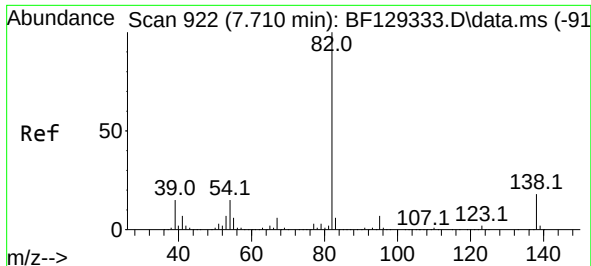


#23
Nitrobenzene-d5
Concen: 68.093 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.018 min
Lab File: BF129663.D
Acq: 09 Aug 2022 13:05

Tgt Ion: 82 Resp: 606981

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.0	51.0
54	52.1	46.9	70.3

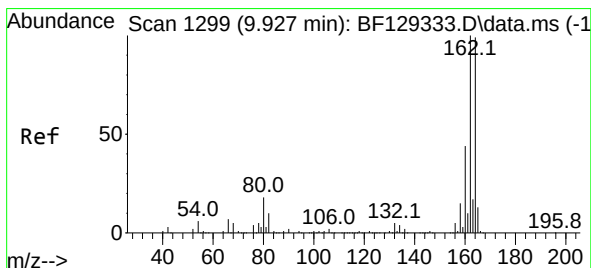
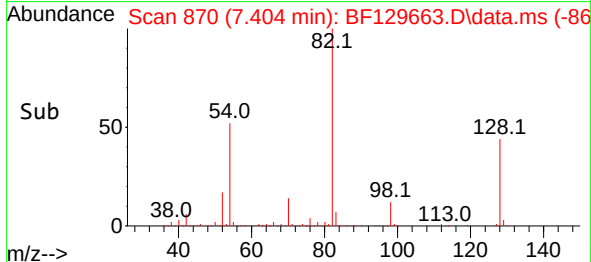
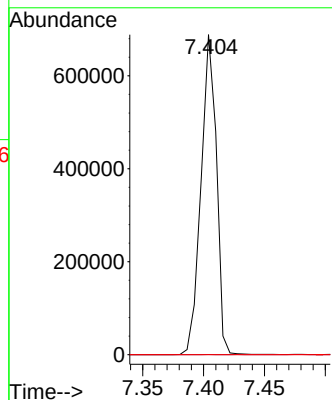
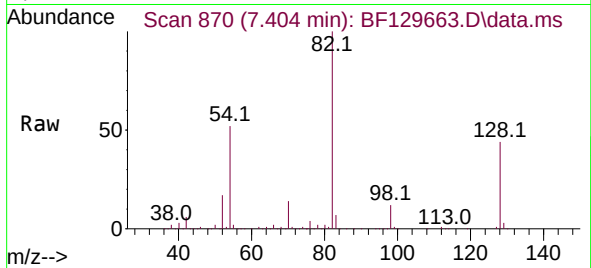




#25
Isophorone
Concen: 37.873 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129663.D
Acq: 09 Aug 2022 13:05

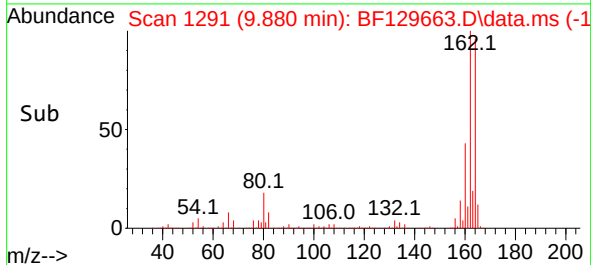
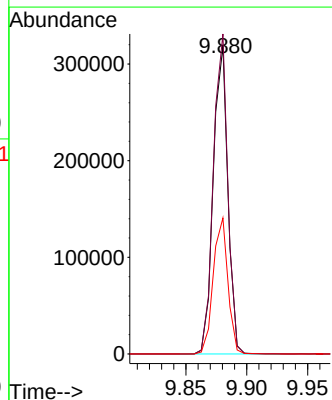
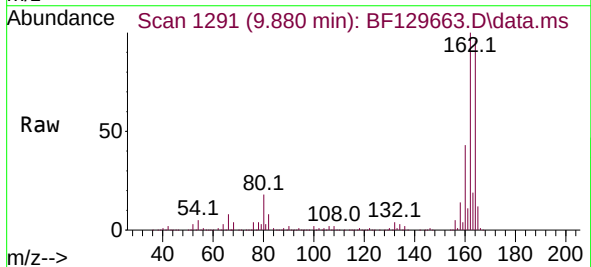
Instrument :
BNA_F
ClientSampleId :
RVE-213

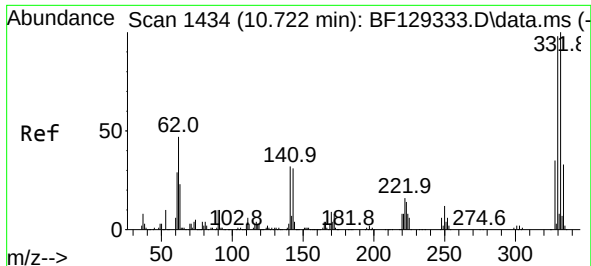
Tgt Ion: 82 Resp: 605145
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129663.D
Acq: 09 Aug 2022 13:05

Tgt Ion: 164 Resp: 264877
Ion Ratio Lower Upper
164 100
162 103.9 79.5 119.3
160 44.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 113.831 ng

RT: 10.674 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129663.D

Acq: 09 Aug 2022 13:05

Instrument :

BNA_F

ClientSampleId :

RVE-213

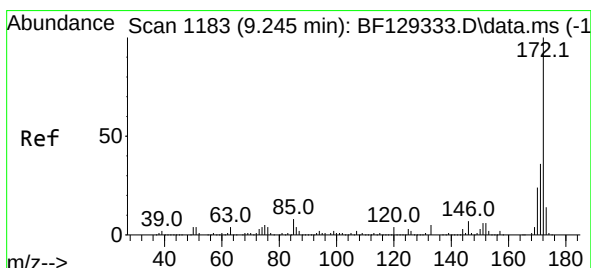
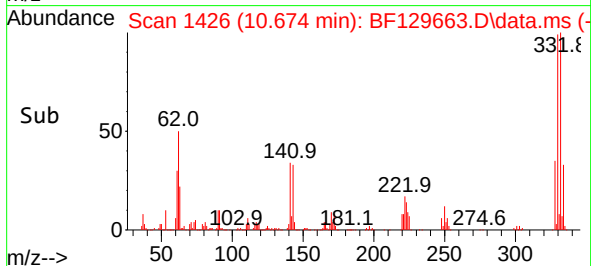
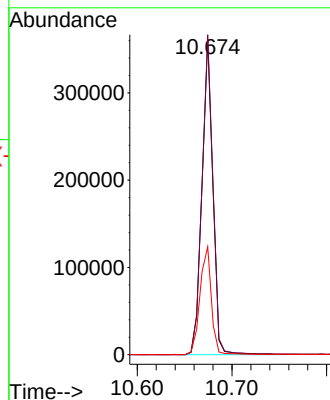
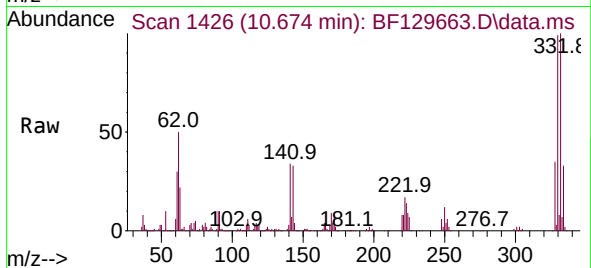
Tgt Ion:330 Resp: 289881

Ion Ratio Lower Upper

330 100

332 102.1 76.8 115.2

141 35.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 69.445 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129663.D

Acq: 09 Aug 2022 13:05

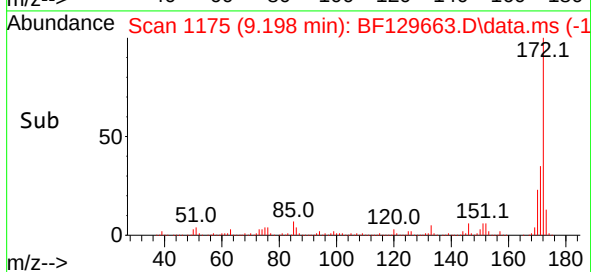
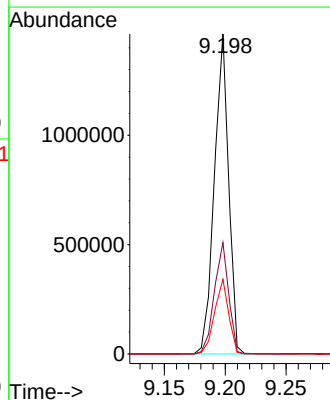
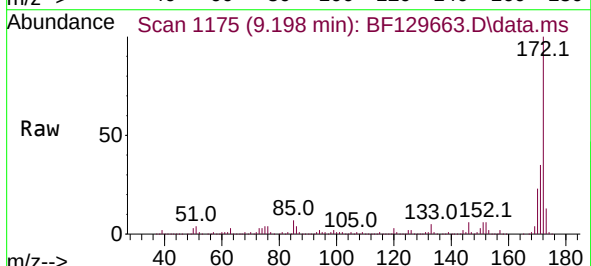
Tgt Ion:172 Resp: 1189070

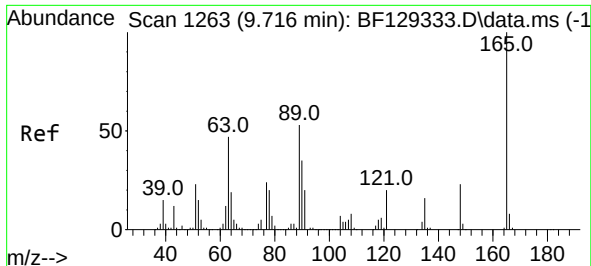
Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 23.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.532 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF129663.D

Acq: 09 Aug 2022 13:05

Instrument :

BNA_F

ClientSampleId :

RVE-213

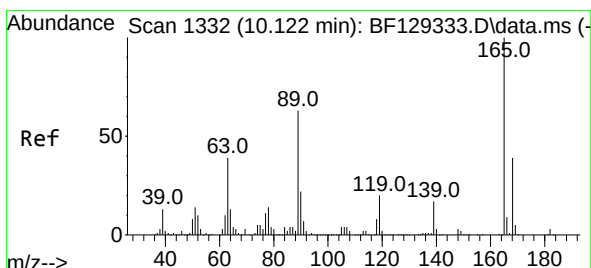
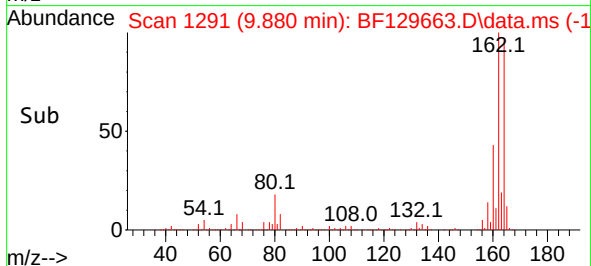
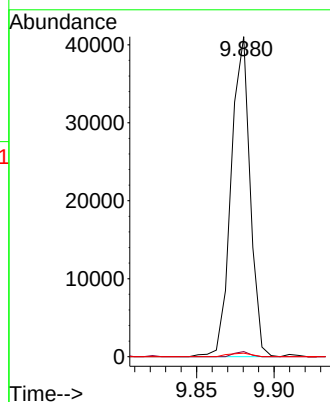
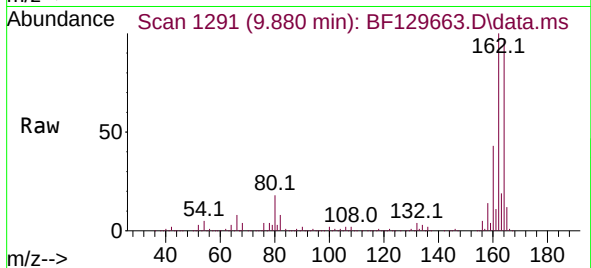
Tgt Ion:165 Resp: 34920

Ion Ratio Lower Upper

165 100

63 1.6 44.9 67.3#

89 1.1 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.532 ng

RT: 9.880 min Scan# 1291

Delta R.T. -0.206 min

Lab File: BF129663.D

Acq: 09 Aug 2022 13:05

Tgt Ion:165 Resp: 34920

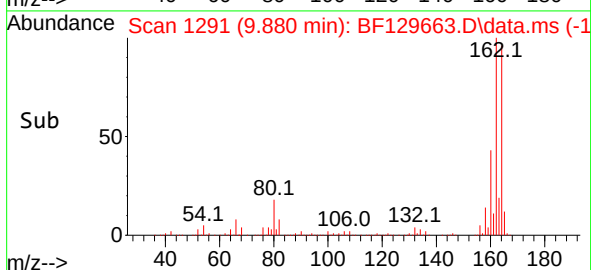
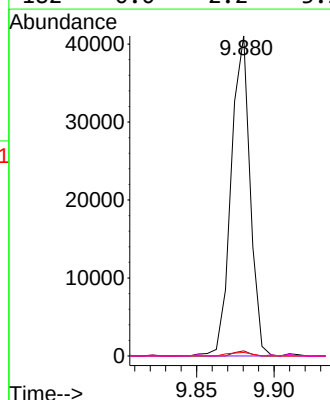
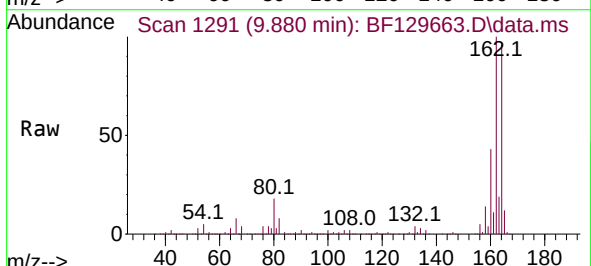
Ion Ratio Lower Upper

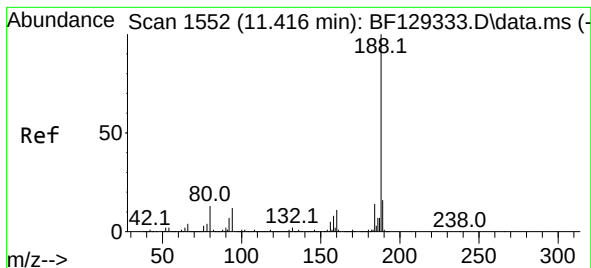
165 100

63 1.6 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: 11.368 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129663.D

Acq: 09 Aug 2022 13:05

Instrument :

BNA_F

ClientSampleId :

RVE-213

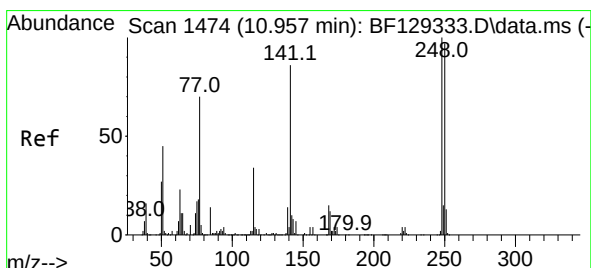
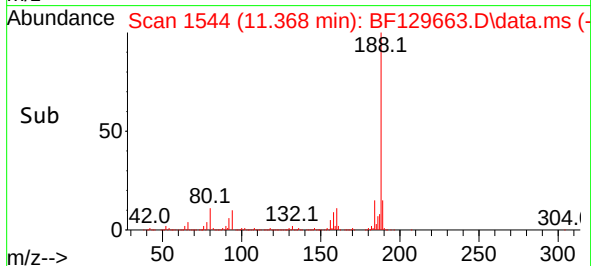
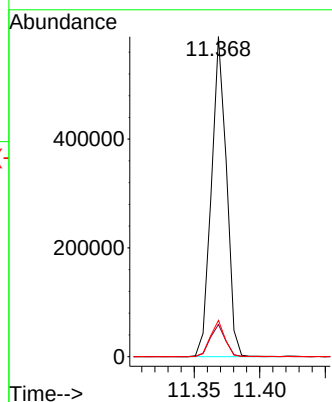
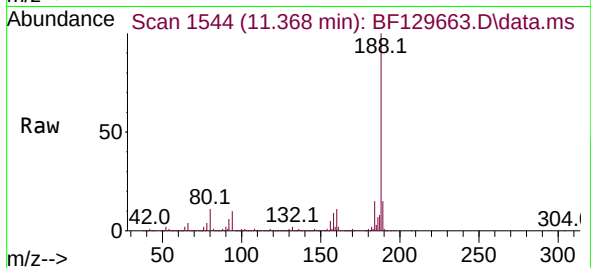
Tgt Ion:188 Resp: 472125

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.6

80 11.4 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.495 ng

RT: 10.674 min Scan# 1426

Delta R.T. -0.247 min

Lab File: BF129663.D

Acq: 09 Aug 2022 13:05

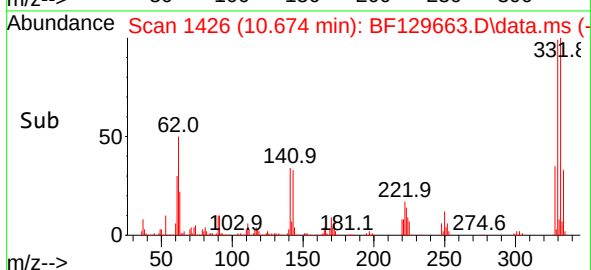
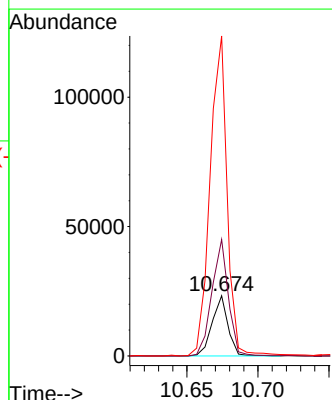
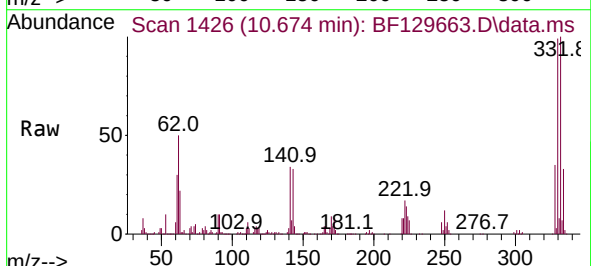
Tgt Ion:248 Resp: 18068

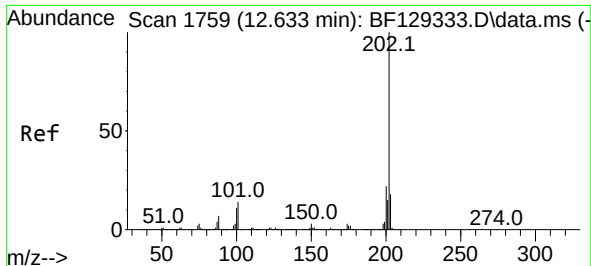
Ion Ratio Lower Upper

248 100

250 193.7 80.6 120.8#

141 531.9 58.9 88.3#

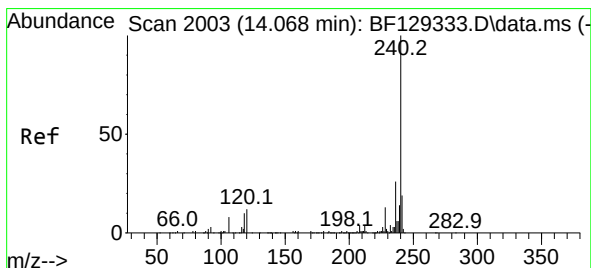
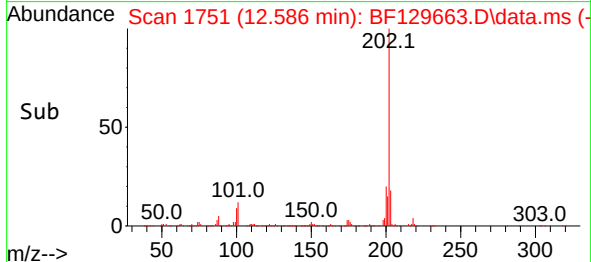
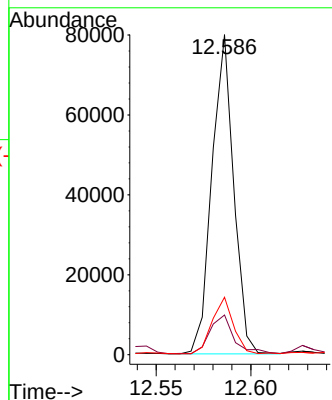
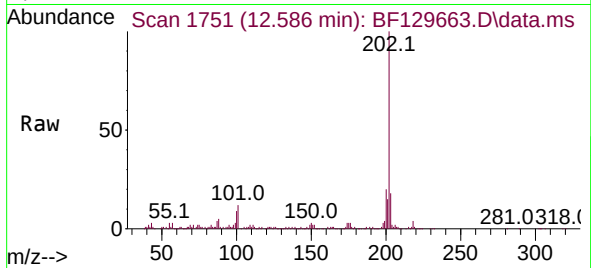




#75
Fluoranthene
Concen: 2.451 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF129663.D
Acq: 09 Aug 2022 13:05

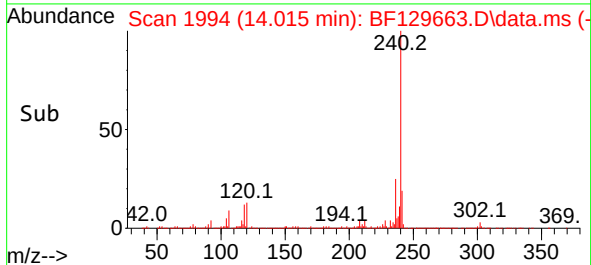
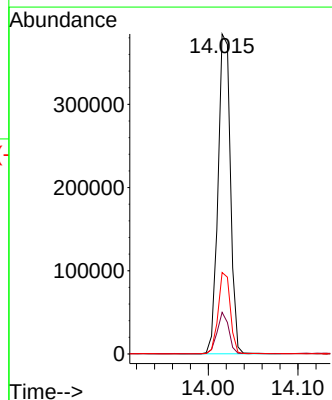
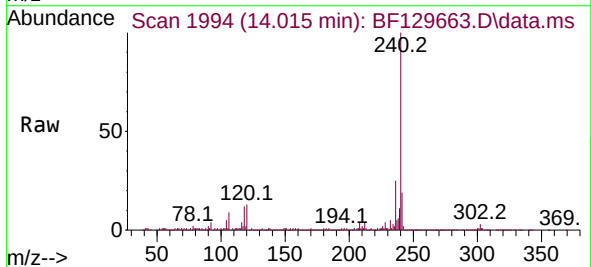
Instrument :
BNA_F
ClientSampleId :
RVE-213

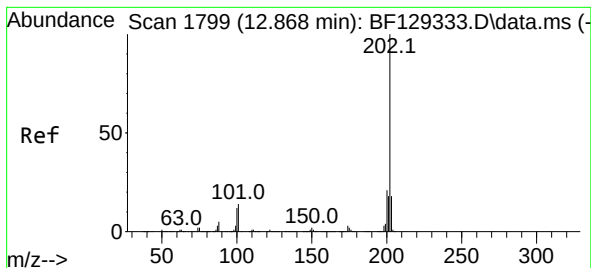
Tgt Ion:202 Resp: 64006
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.4
203 18.0 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129663.D
Acq: 09 Aug 2022 13:05

Tgt Ion:240 Resp: 368628
Ion Ratio Lower Upper
240 100
120 13.0 8.9 13.3
236 25.4 20.8 31.2





#78

Pyrene

Concen: 2.817 ng

RT: 12.815 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF129663.D

Acq: 09 Aug 2022 13:05

Instrument :

BNA_F

ClientSampleId :

RVE-213

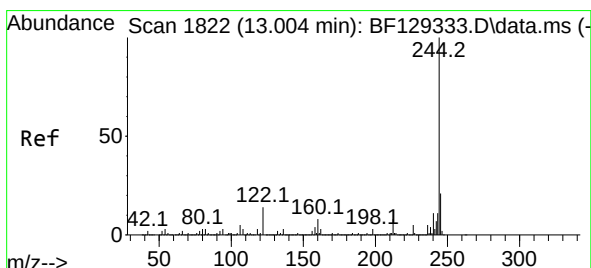
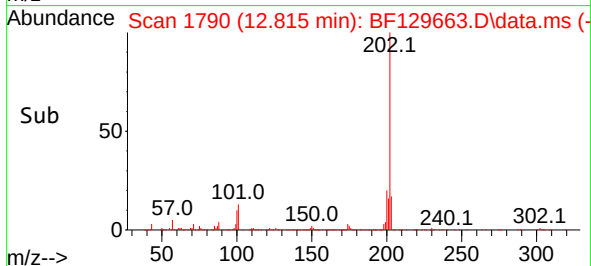
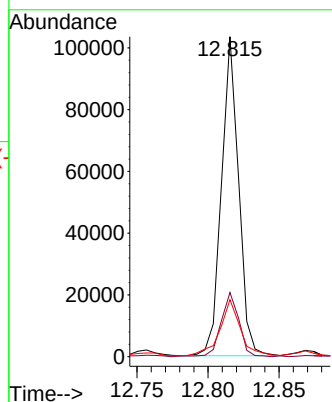
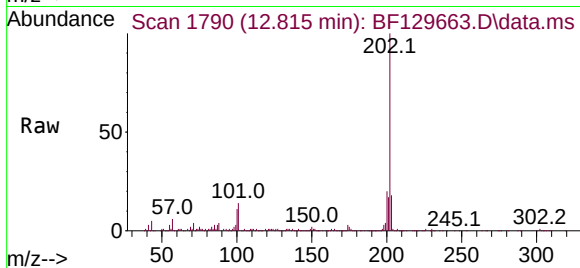
Tgt Ion:202 Resp: 86826

Ion Ratio Lower Upper

202 100

200 20.0 17.7 26.5

203 17.8 14.6 21.8



#79

Terphenyl-d14

Concen: 72.177 ng

RT: 12.957 min Scan# 1814

Delta R.T. -0.012 min

Lab File: BF129663.D

Acq: 09 Aug 2022 13:05

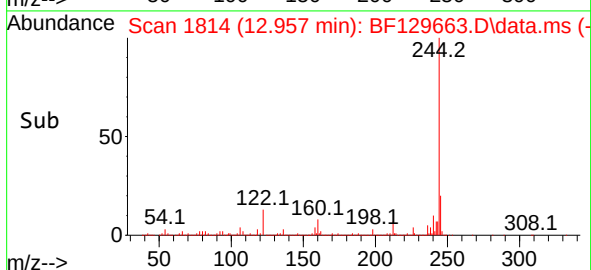
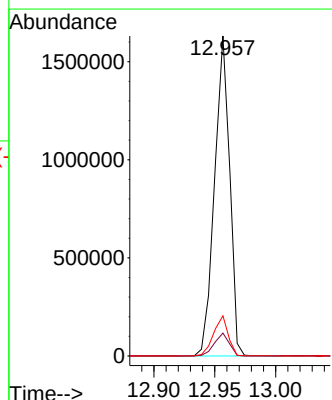
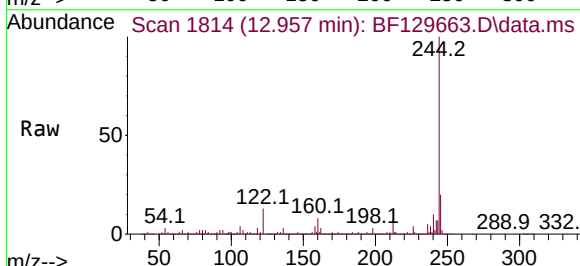
Tgt Ion:244 Resp: 1410299

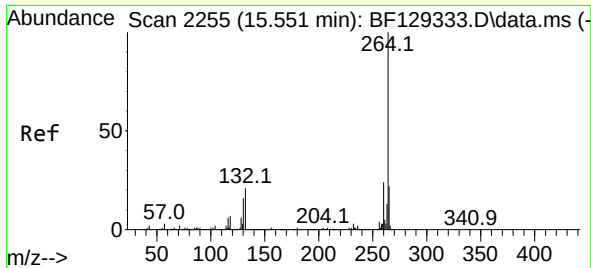
Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 12.5 8.8 13.2



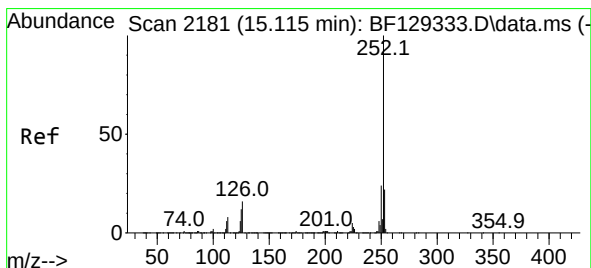
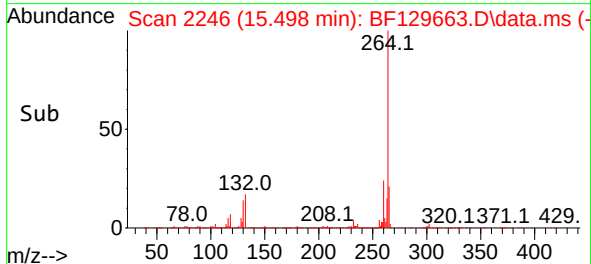
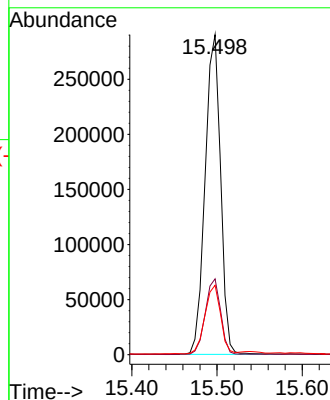
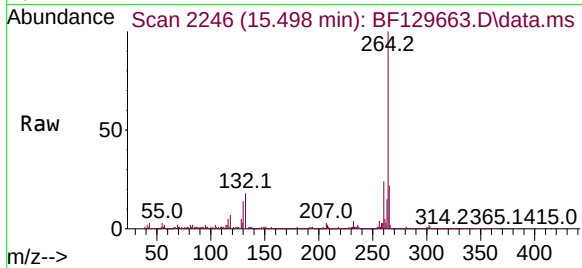


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BF129663.D
Acq: 09 Aug 2022 13:05

Instrument :
BNA_F
ClientSampleId :
RVE-213

Tgt Ion:264 Resp: 365821

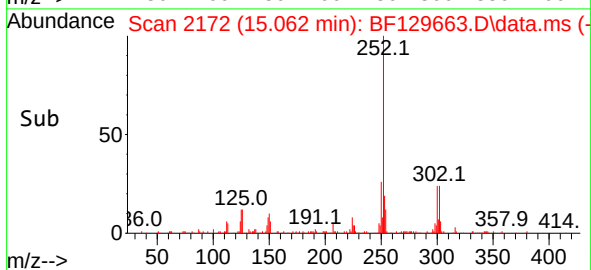
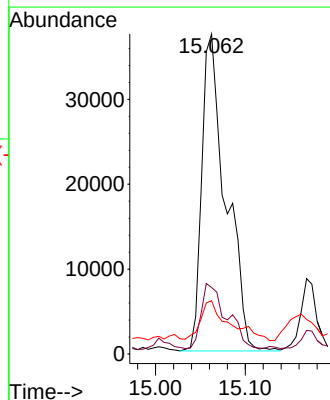
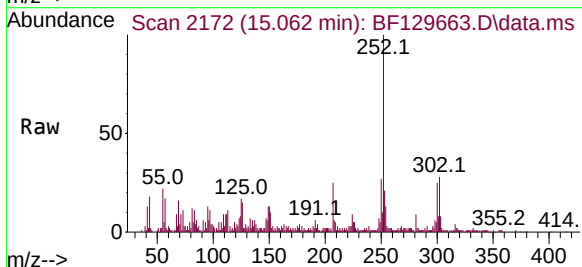
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	21.7	17.2	25.8

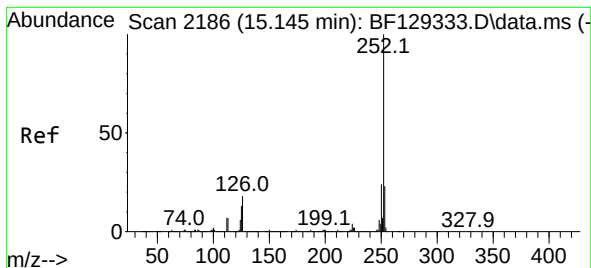


#88
Benzo(b)fluoranthene
Concen: 2.864 ng
RT: 15.062 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BF129663.D
Acq: 09 Aug 2022 13:05

Tgt Ion:252 Resp: 69496

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.7	26.5
125	16.6	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 2.922 ng

RT: 15.062 min Scan# 2186

Delta R.T. -0.041 min

Lab File: BF129663.D

Acq: 09 Aug 2022 13:05

Instrument :

BNA_F

ClientSampleId :

RVE-213

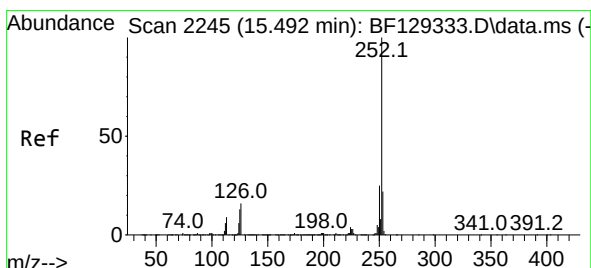
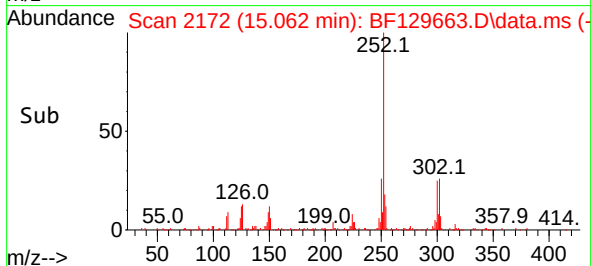
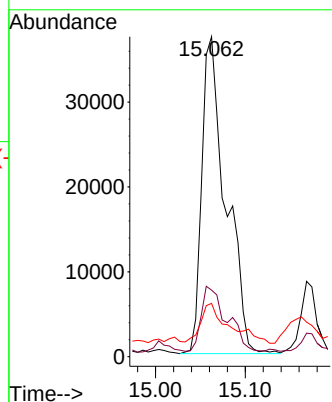
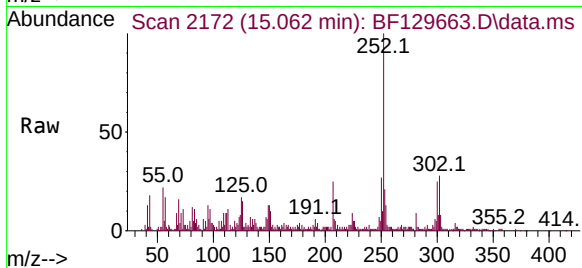
Tgt Ion:252 Resp: 69496

Ion Ratio Lower Upper

252 100

253 20.8 17.8 26.6

125 16.6 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 2.025 ng

RT: 15.433 min Scan# 2235

Delta R.T. -0.006 min

Lab File: BF129663.D

Acq: 09 Aug 2022 13:05

Tgt Ion:252 Resp: 39882

Ion Ratio Lower Upper

252 100

253 24.2 17.0 25.6

125 16.1 8.8 13.2#

