

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129619.D
 Acq On : 06 Aug 2022 01:45
 Operator : CG\JU
 Sample : N3961-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-168

Quant Time: Aug 08 02:17:25 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)

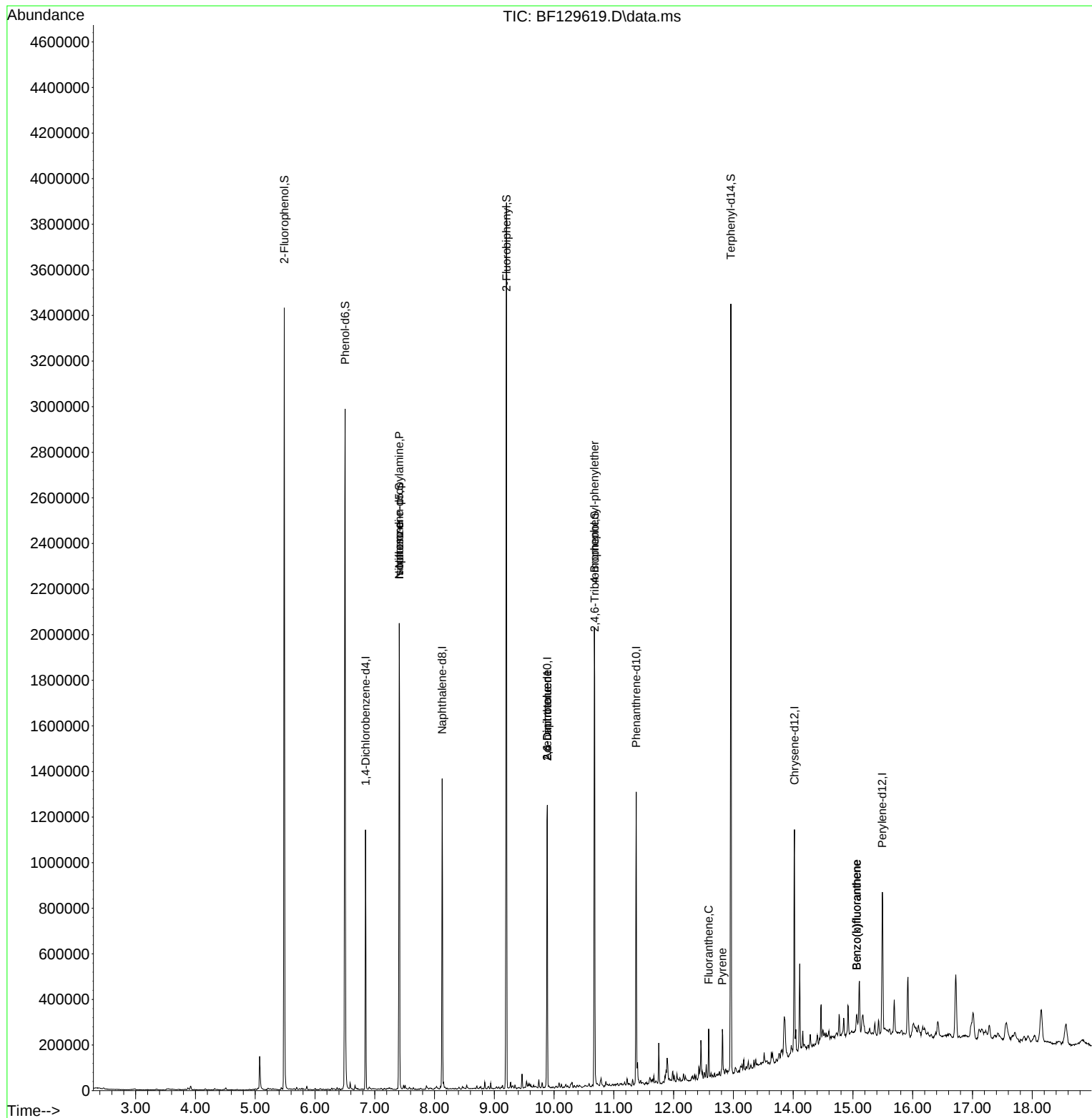
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	150834	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	550386	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	254730	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	418370	20.000	ng	0.00
76) Chrysene-d12	14.021	240	307438	20.000	ng	0.00
86) Perylene-d12	15.492	264	257950	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	866151	93.544	ng	0.00
7) Phenol-d6	6.504	99	1051189	90.321	ng	0.00
23) Nitrobenzene-d5	7.410	82	654269	64.892	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	233887	95.502	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1119733	68.000	ng	0.00
79) Terphenyl-d14	12.957	244	1091179	66.960	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	87147	12.369	ng	# 74
25) Isophorone	7.410	82	651219	36.033	ng	# 65
51) 2,6-Dinitrotoluene	9.886	165	33662	8.553	ng	# 26
57) 2,4-Dinitrotoluene	9.886	165	33662	6.547	ng	# 22
67) 4-Bromophenyl-phenylether	10.675	248	14845	3.240	ng	# 1
75) Fluoranthene	12.586	202	69451	3.001	ng	97
78) Pyrene	12.816	202	72677	2.827	ng	98
88) Benzo(b)fluoranthene	15.063	252	54603	3.191	ng	# 93
89) Benzo(k)fluoranthene	15.063	252	54603	3.256	ng	# 94

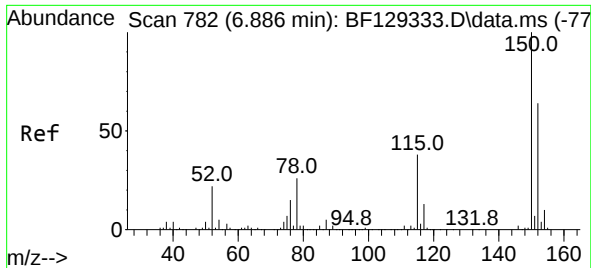
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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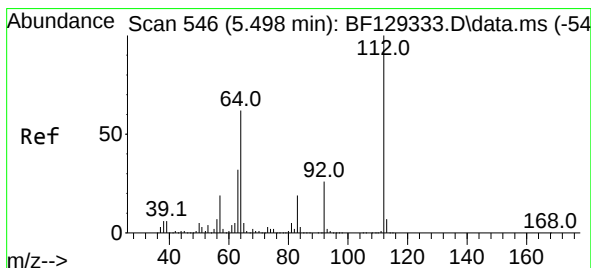
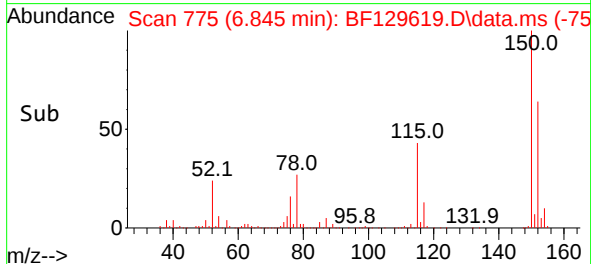
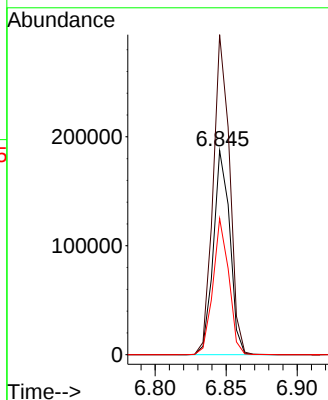
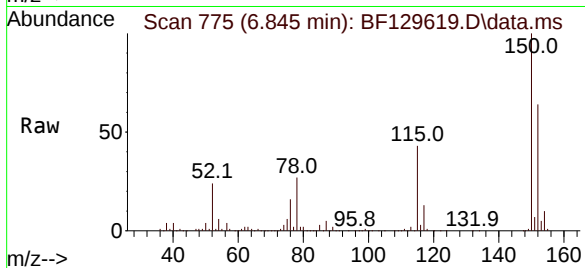




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129619.D
 Acq: 06 Aug 2022 01:45

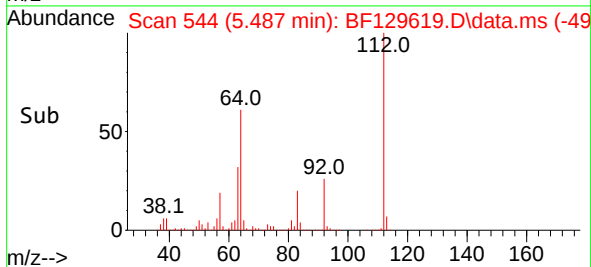
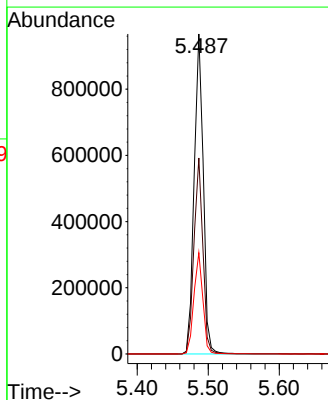
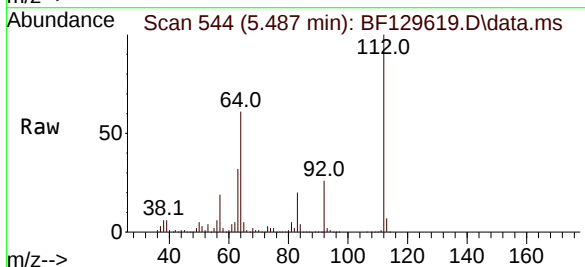
Instrument :
 BNA_F
 ClientSampleId :
 RVE-168

Tgt Ion:152 Resp: 150834
 Ion Ratio Lower Upper
 152 100
 150 156.7 123.7 185.5
 115 66.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 93.544 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.006 min
 Lab File: BF129619.D
 Acq: 06 Aug 2022 01:45

Tgt Ion:112 Resp: 866151
 Ion Ratio Lower Upper
 112 100
 64 61.2 53.3 79.9
 63 31.6 28.0 42.0

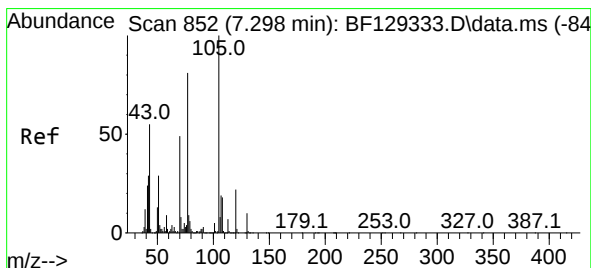
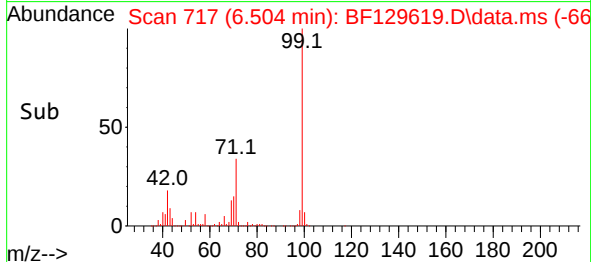
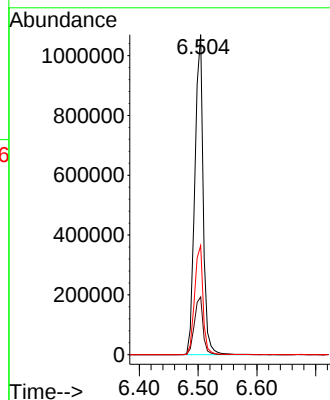
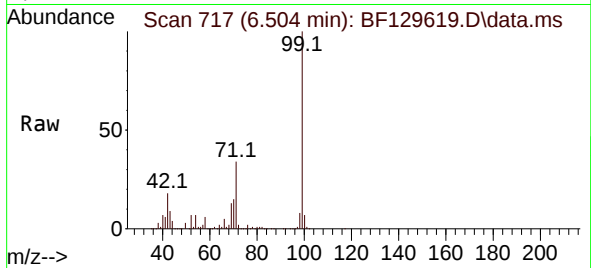




#7
Phenol-d6
Concen: 90.321 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129619.D
Acq: 06 Aug 2022 01:45

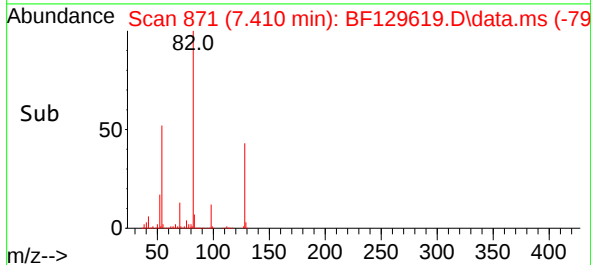
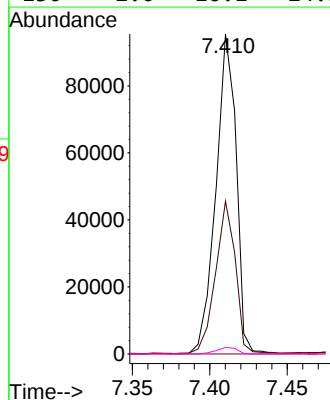
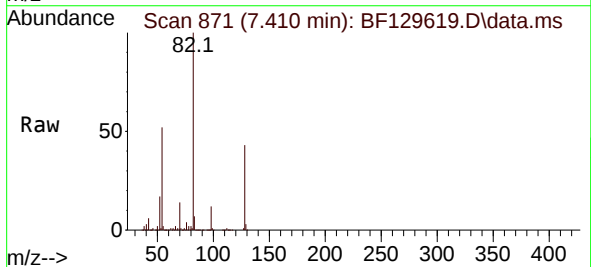
Instrument :
BNA_F
ClientSampleId :
RVE-168

Tgt Ion: 99 Resp: 1051189
Ion Ratio Lower Upper
99 100
42 18.0 17.3 25.9
71 34.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.369 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF129619.D
Acq: 06 Aug 2022 01:45

Tgt Ion: 70 Resp: 87147
Ion Ratio Lower Upper
70 100
42 47.8 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#

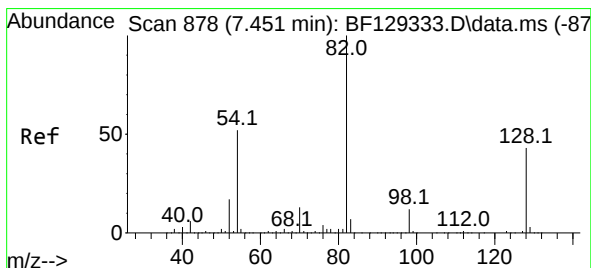
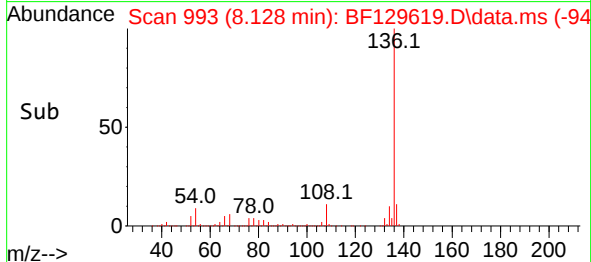
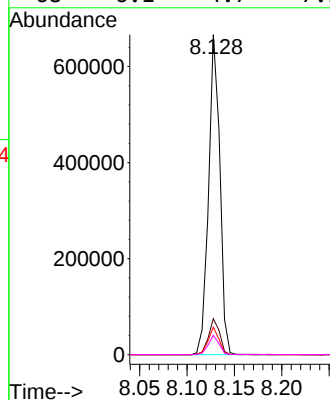
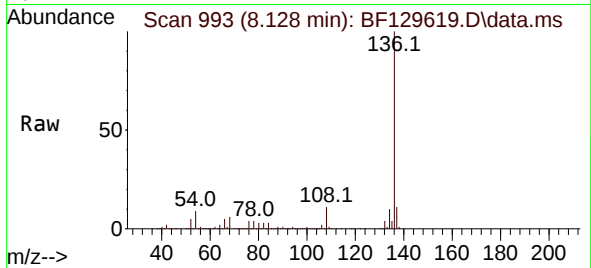




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF129619.D
Acq: 06 Aug 2022 01:45

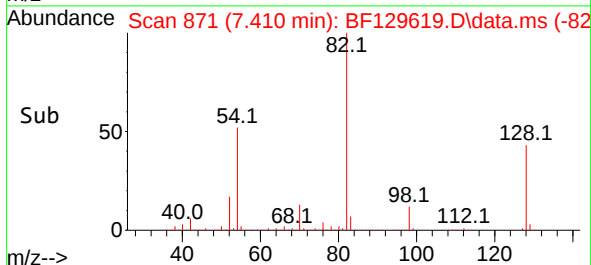
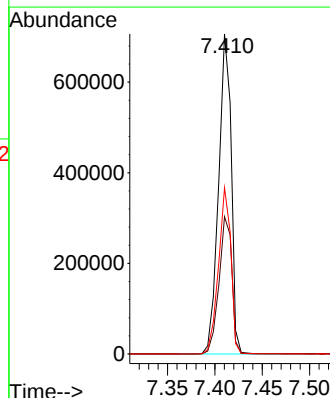
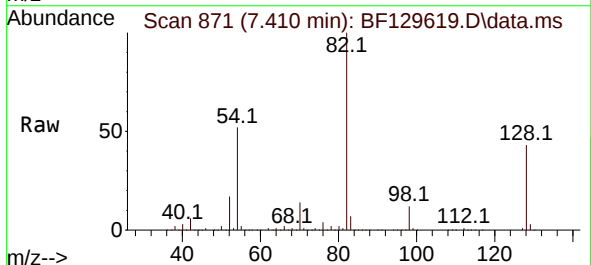
Instrument :
BNA_F
ClientSampleId :
RVE-168

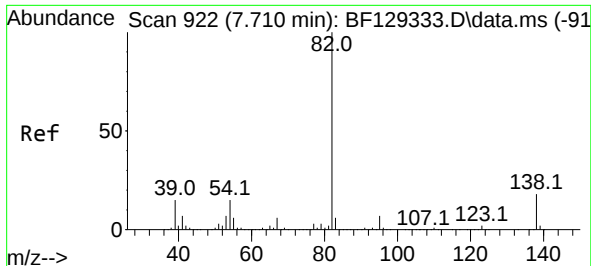
Tgt Ion:136 Resp: 550386
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.6 7.5 11.3
68 6.1 4.7 7.1



#23
Nitrobenzene-d5
Concen: 64.892 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF129619.D
Acq: 06 Aug 2022 01:45

Tgt Ion: 82 Resp: 654269
Ion Ratio Lower Upper
82 100
128 42.9 34.0 51.0
54 52.0 46.9 70.3

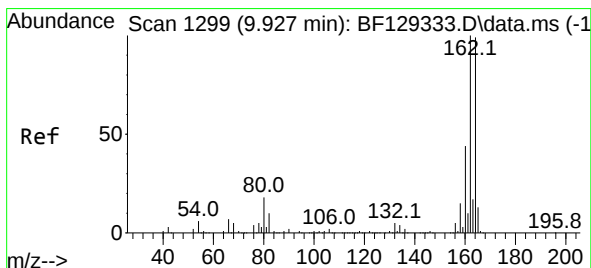
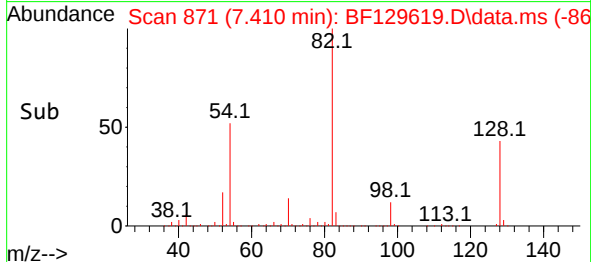
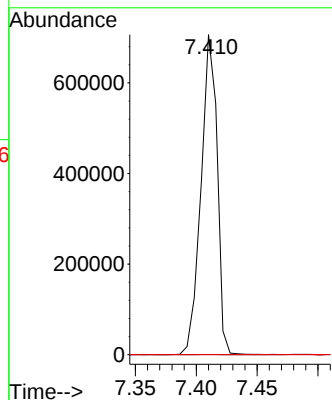
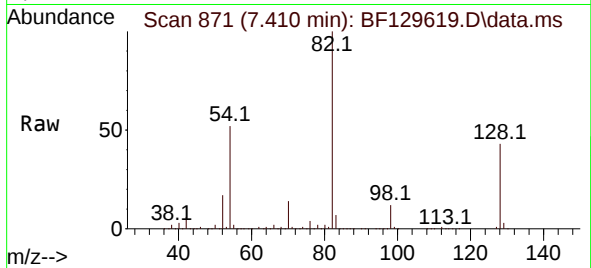




#25
Isophorone
Concen: 36.033 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129619.D
Acq: 06 Aug 2022 01:45

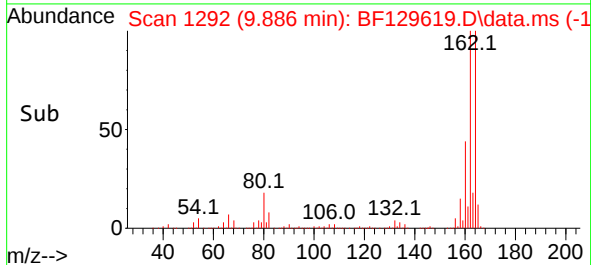
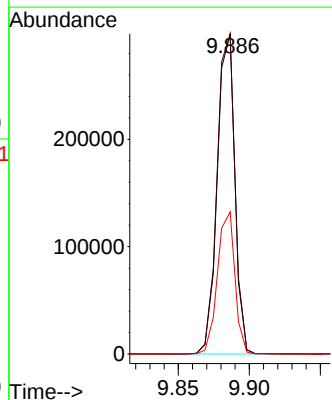
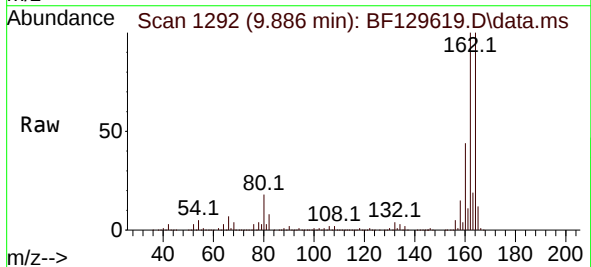
Instrument :
BNA_F
ClientSampleId :
RVE-168

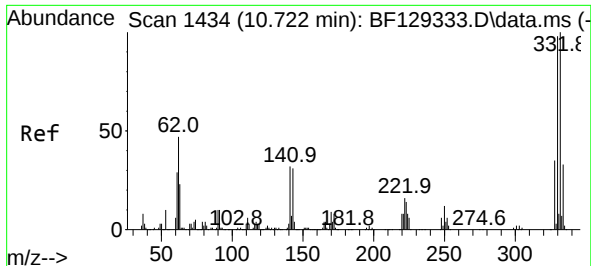
Tgt Ion: 82 Resp: 651219
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF129619.D
Acq: 06 Aug 2022 01:45

Tgt Ion:164 Resp: 254730
Ion Ratio Lower Upper
164 100
162 100.1 79.5 119.3
160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 95.502 ng

RT: 10.680 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129619.D

Acq: 06 Aug 2022 01:45

Instrument :

BNA_F

ClientSampleId :

RVE-168

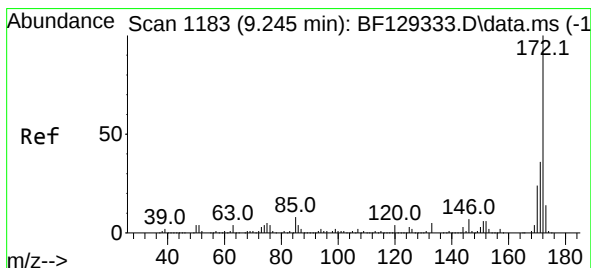
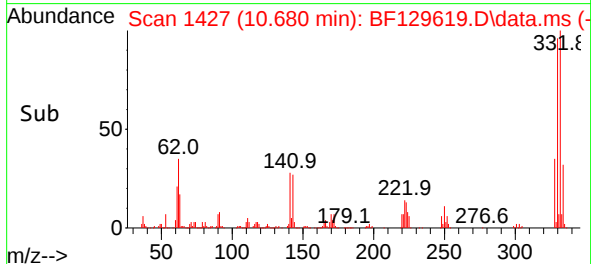
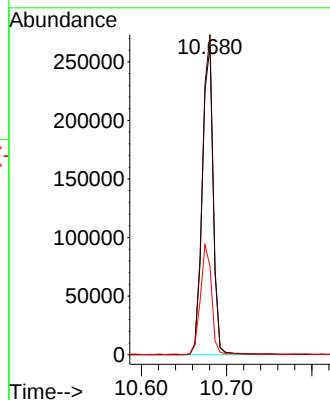
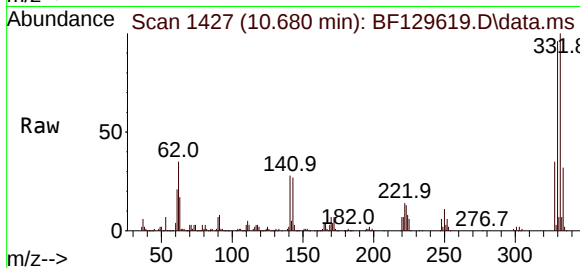
Tgt Ion:330 Resp: 233887

Ion Ratio Lower Upper

330 100

332 103.3 76.8 115.2

141 35.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 68.000 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF129619.D

Acq: 06 Aug 2022 01:45

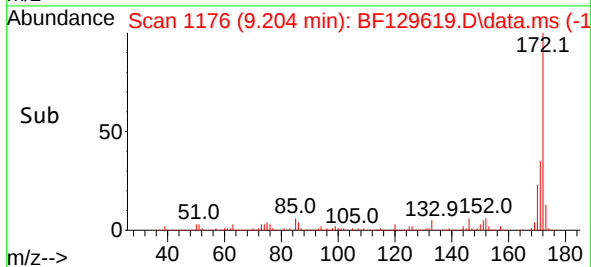
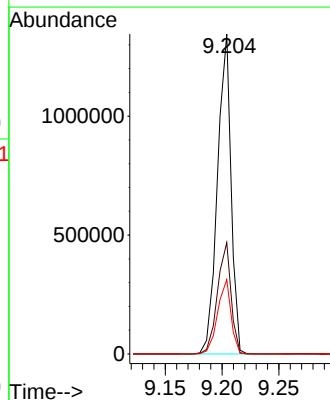
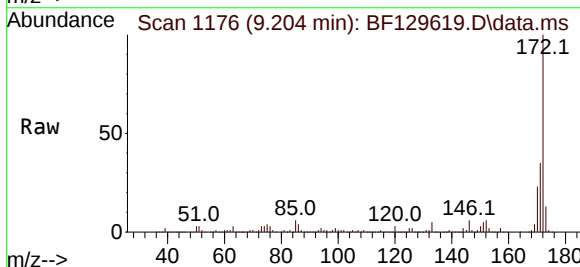
Tgt Ion:172 Resp: 1119733

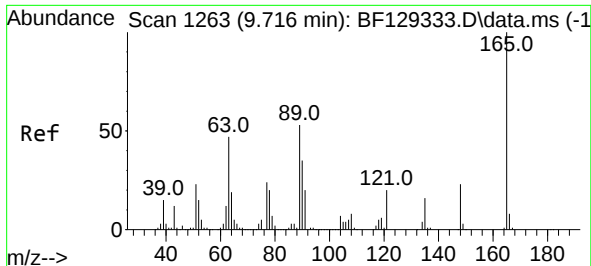
Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 23.3 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.553 ng

RT: 9.886 min Scan# 1292

Delta R.T. 0.206 min

Lab File: BF129619.D

Acq: 06 Aug 2022 01:45

Instrument :

BNA_F

ClientSampleId :

RVE-168

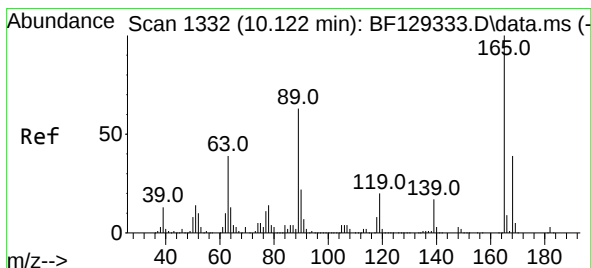
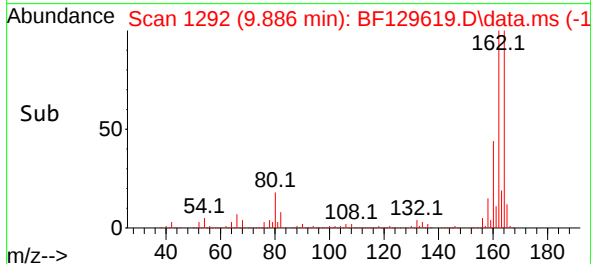
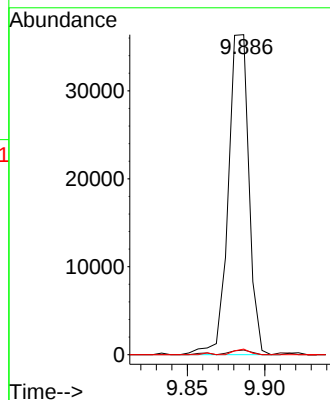
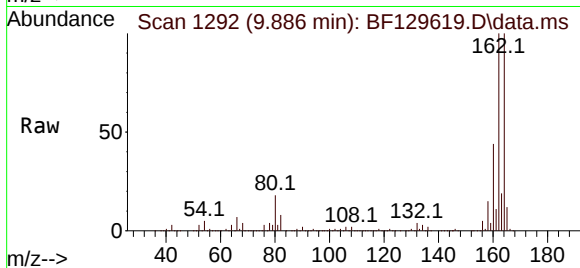
Tgt Ion:165 Resp: 33662

Ion Ratio Lower Upper

165 100

63 1.5 44.9 67.3#

89 1.7 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.547 ng

RT: 9.886 min Scan# 1292

Delta R.T. -0.200 min

Lab File: BF129619.D

Acq: 06 Aug 2022 01:45

Tgt Ion:165 Resp: 33662

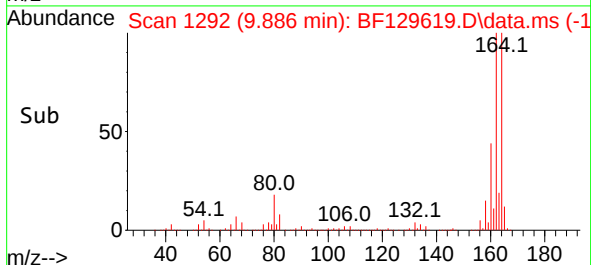
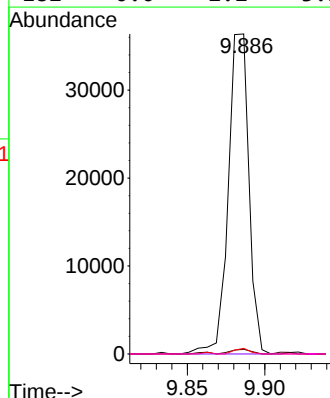
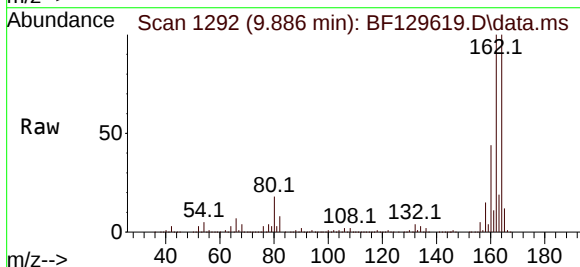
Ion Ratio Lower Upper

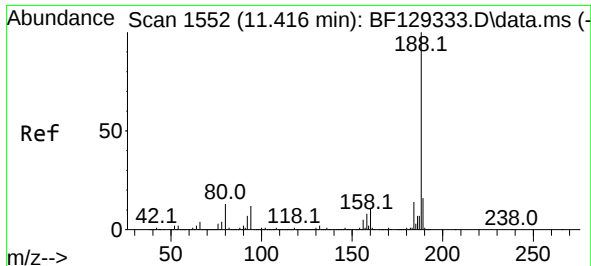
165 100

63 1.5 39.8 59.6#

89 1.7 60.2 90.2#

182 0.0 2.2 3.2#

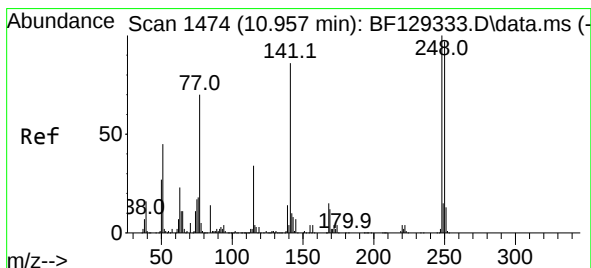
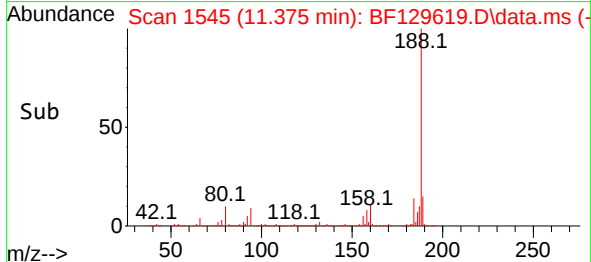
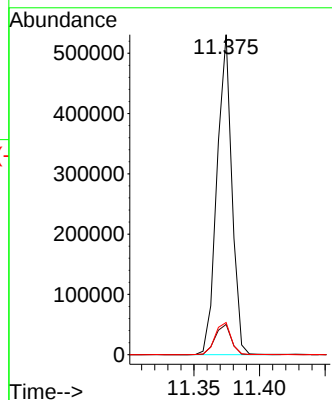
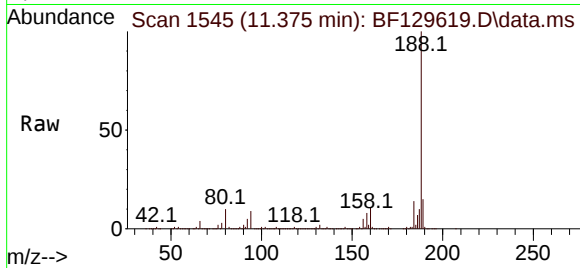




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129619.D
Acq: 06 Aug 2022 01:45

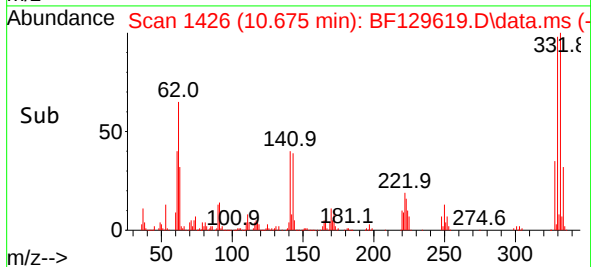
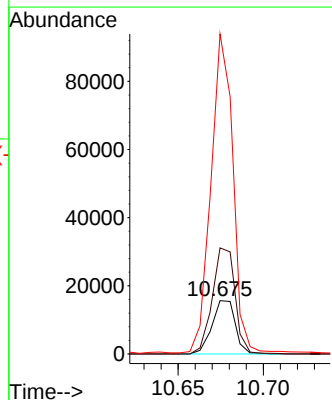
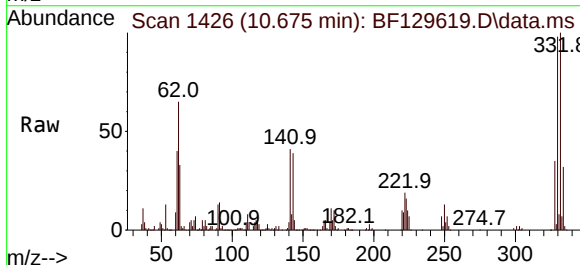
Instrument :
BNA_F
ClientSampleId :
RVE-168

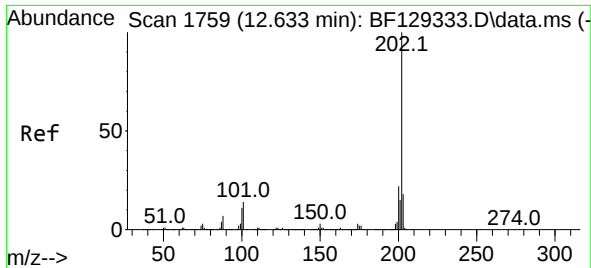
Tgt Ion:188 Resp: 418370
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.0 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.240 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF129619.D
Acq: 06 Aug 2022 01:45

Tgt Ion:248 Resp: 14845
Ion Ratio Lower Upper
248 100
250 199.3 80.6 120.8#
141 600.9 58.9 88.3#

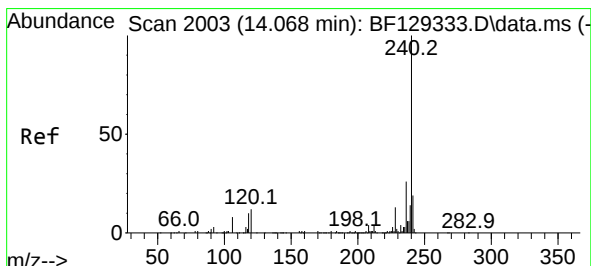
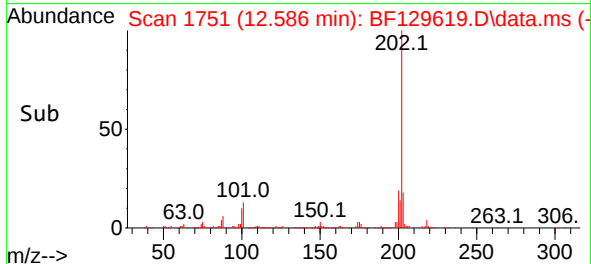
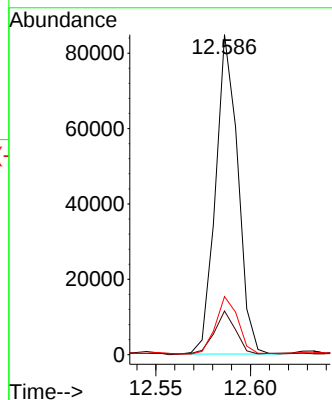
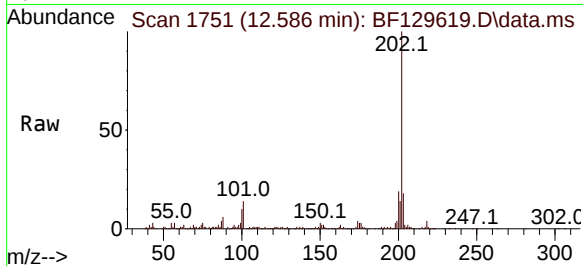




#75
Fluoranthene
Concen: 3.001 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129619.D
Acq: 06 Aug 2022 01:45

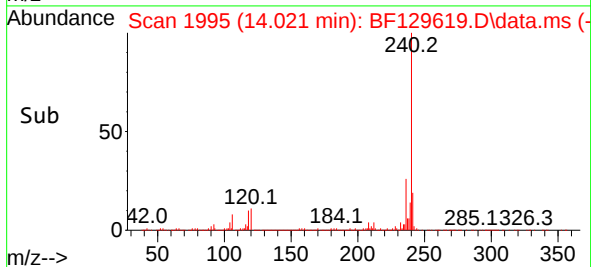
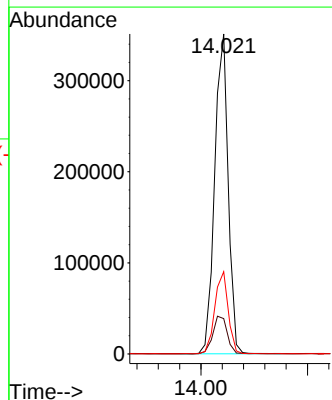
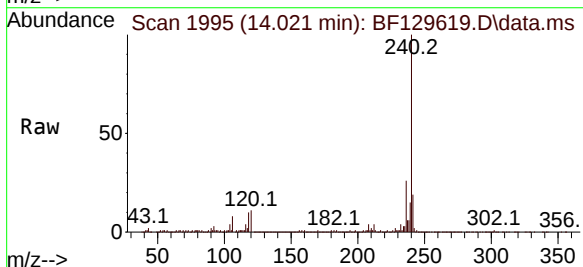
Instrument :
BNA_F
ClientSampleId :
RVE-168

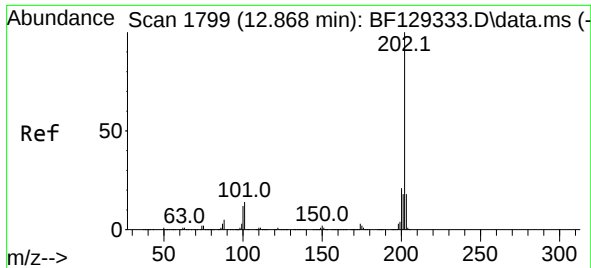
Tgt Ion:	202	Resp:	69451
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	31.4
203	18.2	0.0	38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF129619.D
Acq: 06 Aug 2022 01:45

Tgt Ion:	240	Resp:	307438
Ion Ratio	Lower	Upper	
240	100		
120	11.1	8.9	13.3
236	25.7	20.8	31.2

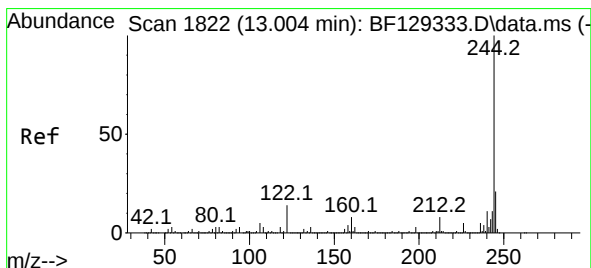
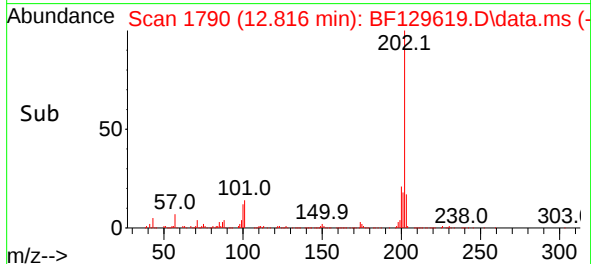
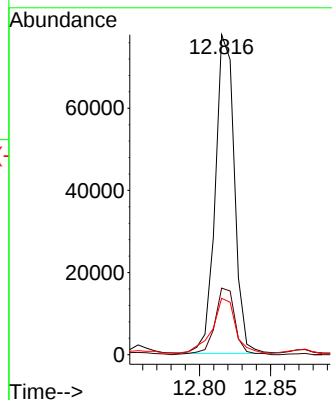
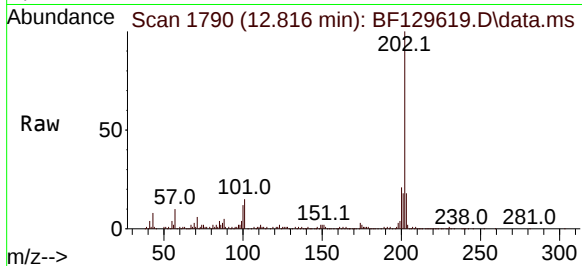




#78
Pyrene
Concen: 2.827 ng
RT: 12.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129619.D
Acq: 06 Aug 2022 01:45

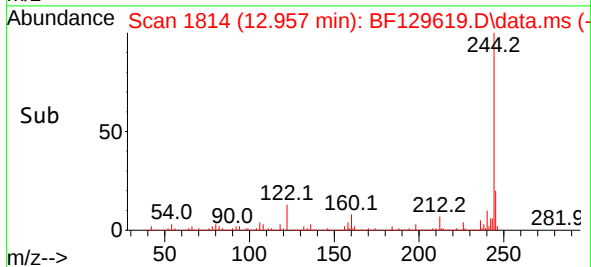
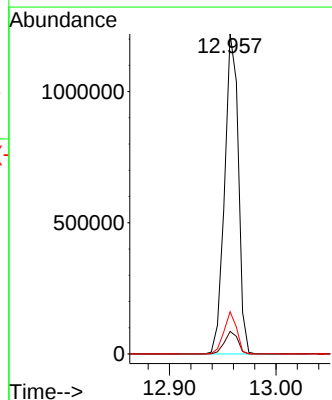
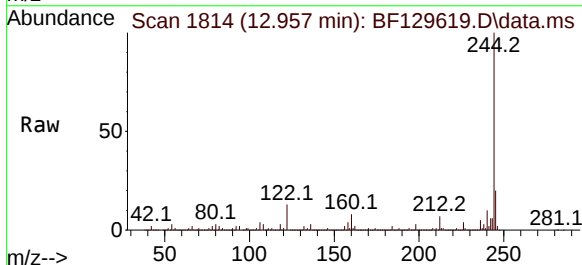
Instrument :
BNA_F
ClientSampleId :
RVE-168

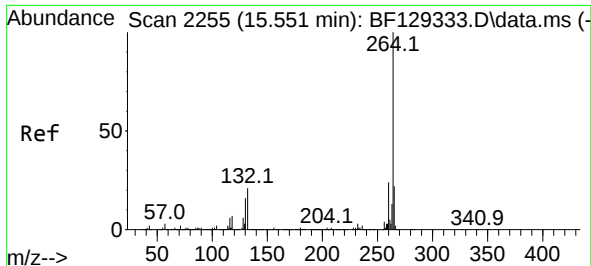
Tgt Ion:202 Resp: 72677
Ion Ratio Lower Upper
202 100
200 20.8 17.7 26.5
203 17.6 14.6 21.8



#79
Terphenyl-d14
Concen: 66.960 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF129619.D
Acq: 06 Aug 2022 01:45

Tgt Ion:244 Resp: 1091179
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 13.2 8.8 13.2

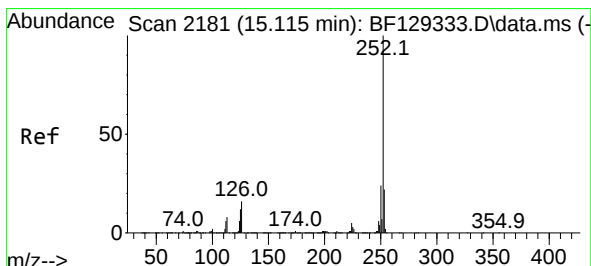
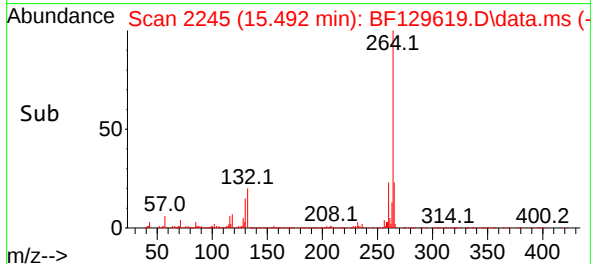
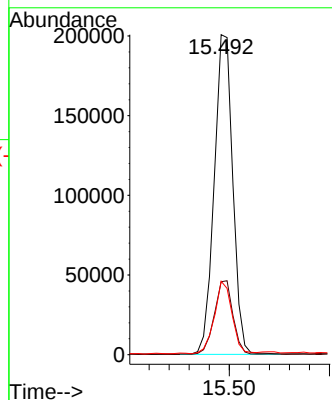
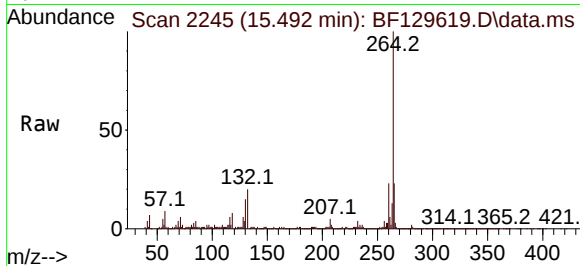




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2172
Delta R.T. -0.012 min
Lab File: BF129619.D
Acq: 06 Aug 2022 01:45

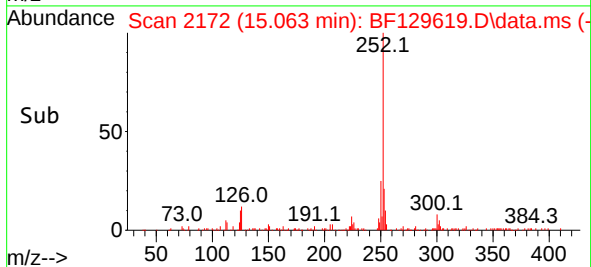
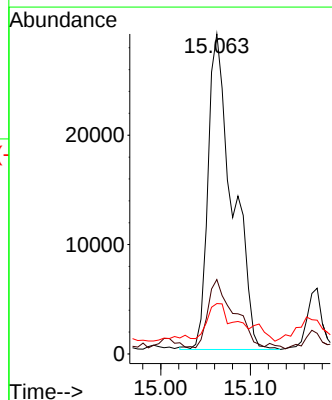
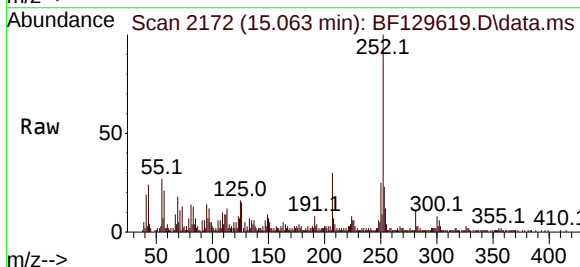
Instrument :
BNA_F
ClientSampleId :
RVE-168

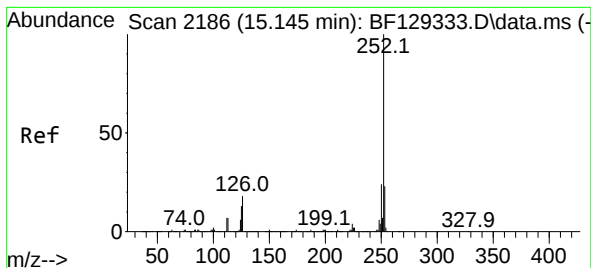
Tgt Ion:264 Resp: 257950
Ion Ratio Lower Upper
264 100
260 22.8 18.4 27.6
265 22.9 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 3.191 ng
RT: 15.063 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BF129619.D
Acq: 06 Aug 2022 01:45

Tgt Ion:252 Resp: 54603
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 15.8 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 3.256 ng

RT: 15.063 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF129619.D

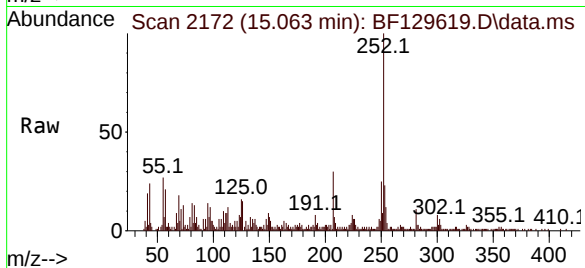
Acq: 06 Aug 2022 01:45

Instrument :

BNA_F

ClientSampleId :

RVE-168



Tgt Ion:252 Resp: 54603

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

125 15.8 8.3 12.5#

