

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129513.D
 Acq On : 02 Aug 2022 18:19
 Operator : CG\JU
 Sample : N3896-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-60

Quant Time: Aug 03 01:47:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

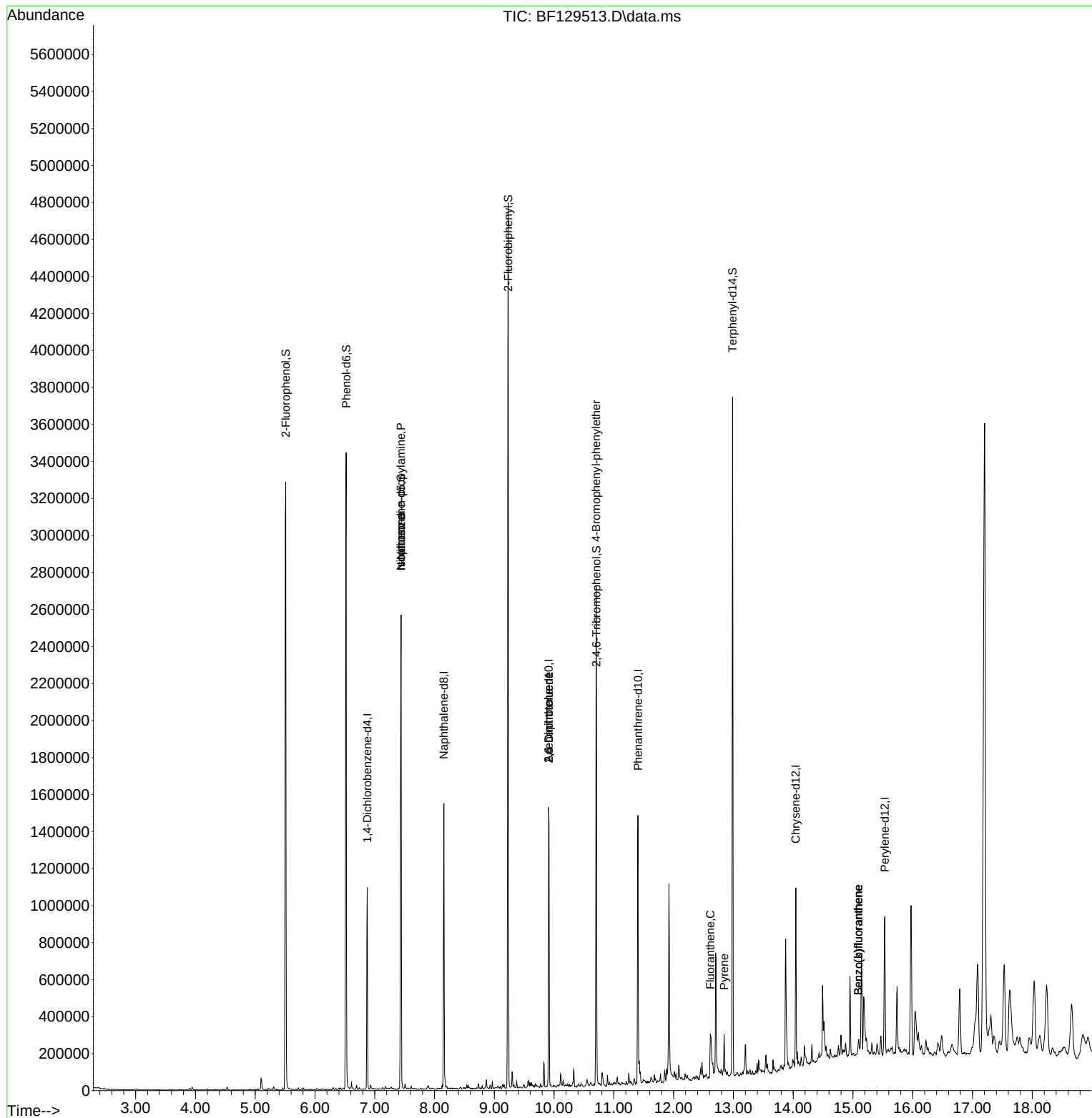
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	149489	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	602317	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	311491	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	489471	20.000	ng	0.00
76) Chrysene-d12	14.045	240	285281	20.000	ng	0.00
86) Perylene-d12	15.533	264	299547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	916502	99.872	ng	0.00
7) Phenol-d6	6.522	99	1155309	100.160	ng	0.00
23) Nitrobenzene-d5	7.440	82	759514	68.836	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	289115	96.541	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1400904	69.573	ng	0.00
79) Terphenyl-d14	12.986	244	1153253	76.265	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	101170	14.488	ng	# 75
25) Isophorone	7.440	82	758705	38.361	ng	# 65
51) 2,6-Dinitrotoluene	9.910	165	42299	8.789	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	42299	6.728	ng	# 22
67) 4-Bromophenyl-phenylether	10.704	248	18028	3.364	ng	# 1
75) Fluoranthene	12.616	202	63768	2.355	ng	100
78) Pyrene	12.845	202	57971	2.430	ng	98
88) Benzo(b)fluoranthene	15.092	252	56808	2.859	ng	# 91
89) Benzo(k)fluoranthene	15.092	252	56808	2.917	ng	# 92

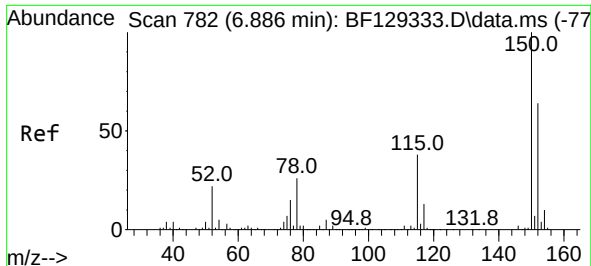
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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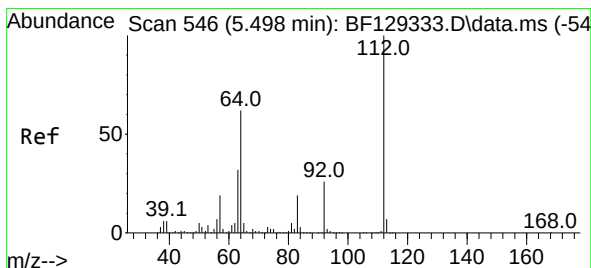
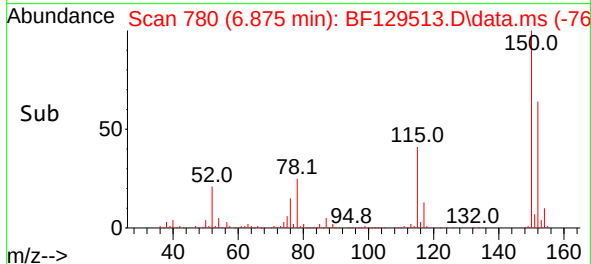
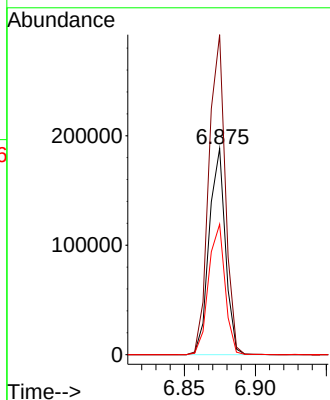
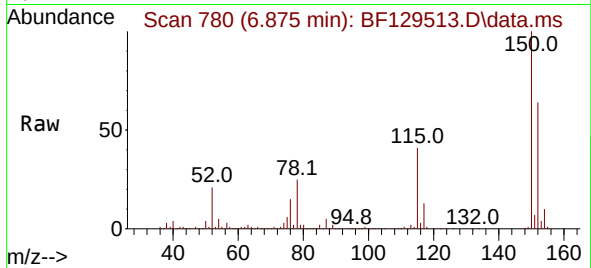




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129513.D
 Acq: 02 Aug 2022 18:19

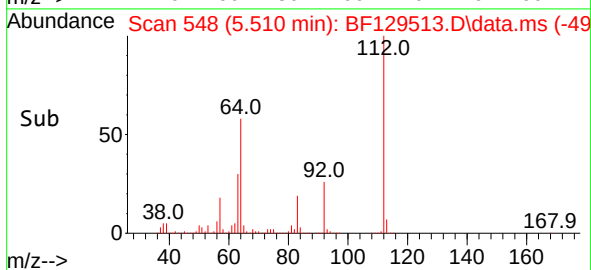
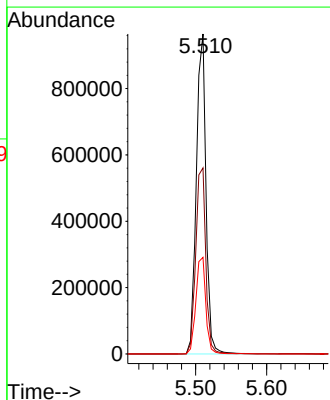
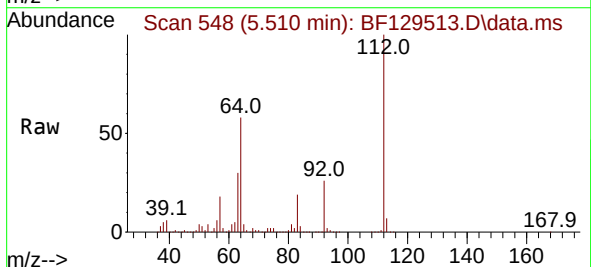
Instrument :
 BNA_F
 ClientSampleId :
 RVE-60

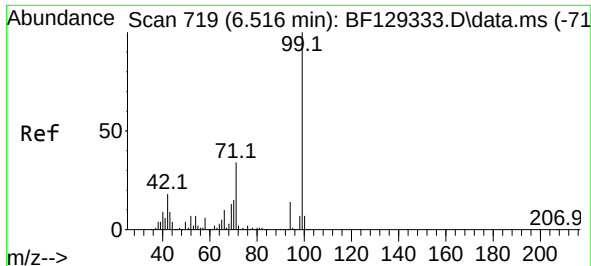
Tgt Ion:152 Resp: 149489
 Ion Ratio Lower Upper
 152 100
 150 155.2 123.7 185.5
 115 63.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 99.872 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.006 min
 Lab File: BF129513.D
 Acq: 02 Aug 2022 18:19

Tgt Ion:112 Resp: 916502
 Ion Ratio Lower Upper
 112 100
 64 58.1 53.3 79.9
 63 30.2 28.0 42.0



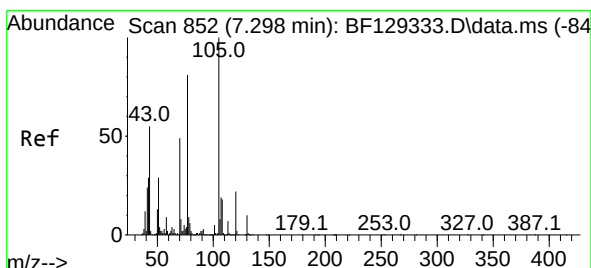
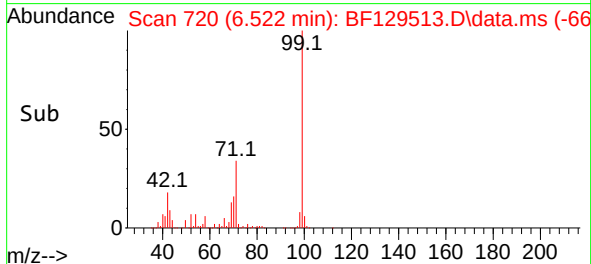
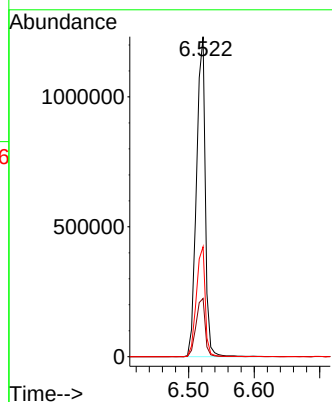
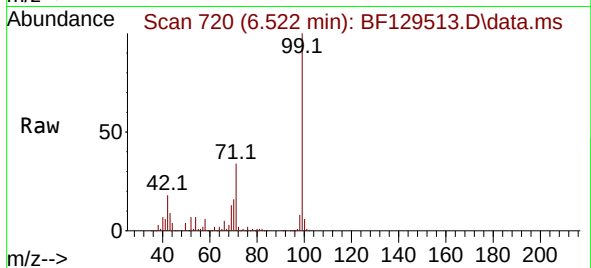


#7
Phenol-d6
Concen: 100.160 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19

Instrument :
BNA_F
ClientSampleId :
RVE-60

Tgt Ion: 99 Resp: 1155309

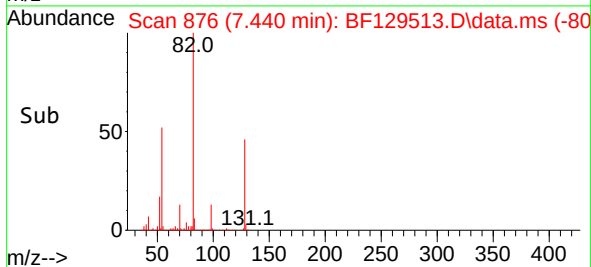
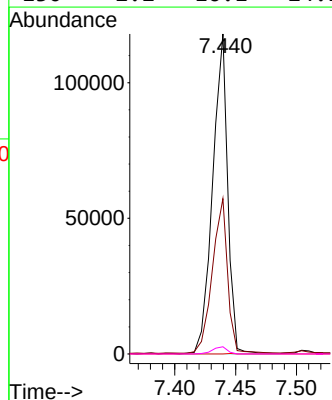
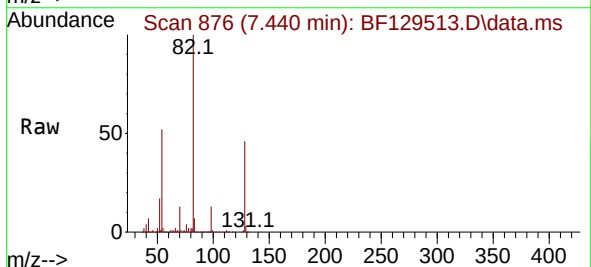
Ion	Ratio	Lower	Upper
99	100		
42	18.2	17.3	25.9
71	34.4	28.9	43.3

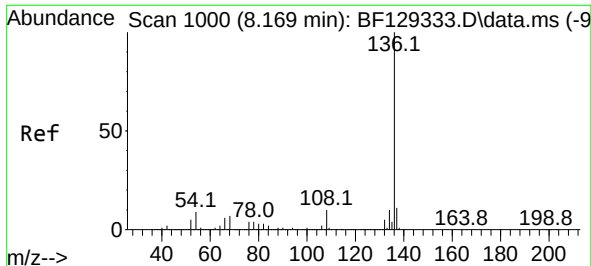


#19
n-Nitroso-di-n-propylamine
Concen: 14.488 ng
RT: 7.440 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19

Tgt Ion: 70 Resp: 101170

Ion	Ratio	Lower	Upper
70	100		
42	48.6	52.3	78.5#
101	0.0	7.5	11.3#
130	2.2	16.1	24.1#



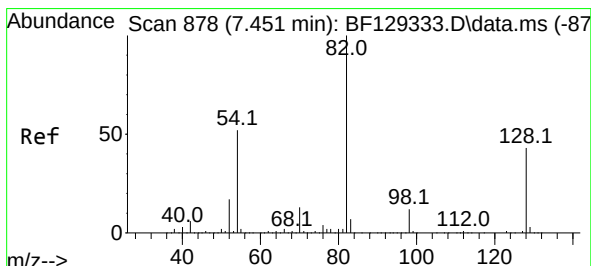
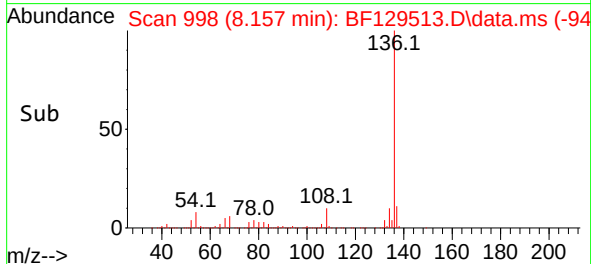
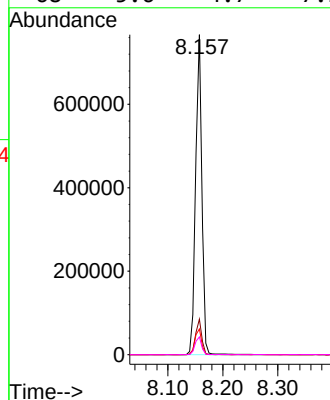
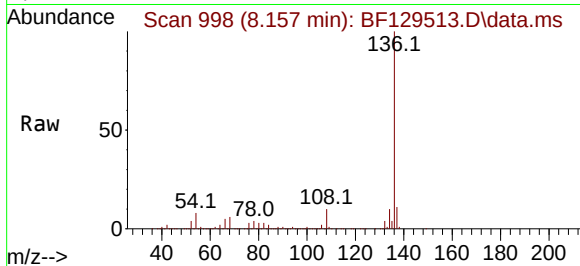


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19

Instrument :
BNA_F
ClientSampleId :
RVE-60

Tgt Ion:136 Resp: 602317

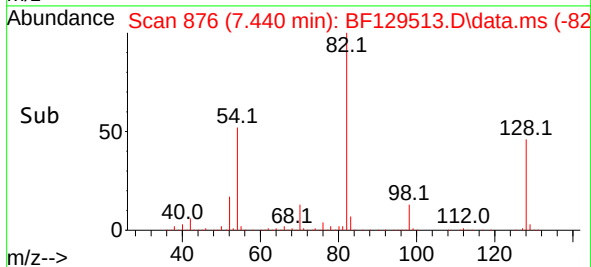
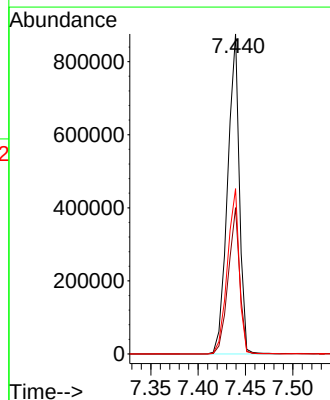
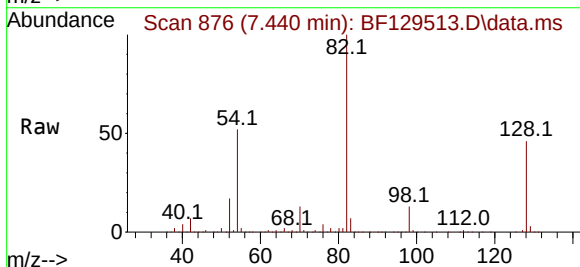
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.1	7.5	11.3
68	5.6	4.7	7.1

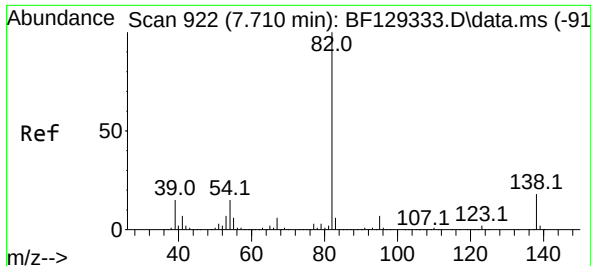


#23
Nitrobenzene-d5
Concen: 68.836 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19

Tgt Ion: 82 Resp: 759514

Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.0	51.0
54	51.7	46.9	70.3

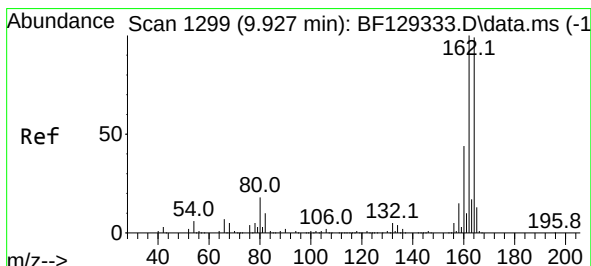
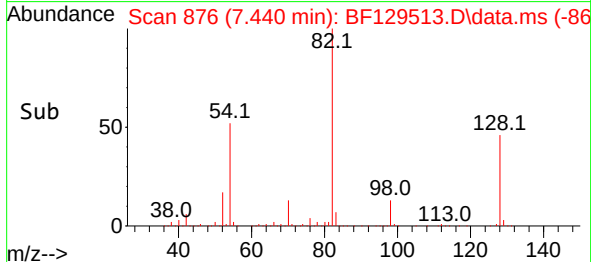
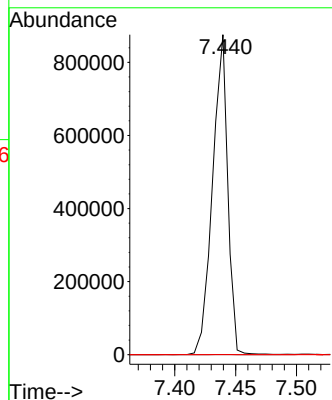
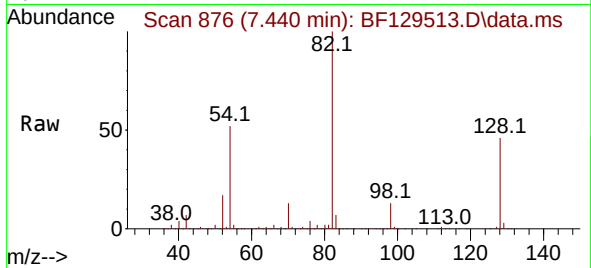




#25
Isophorone
Concen: 38.361 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19

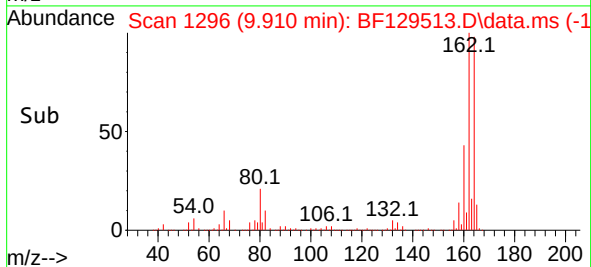
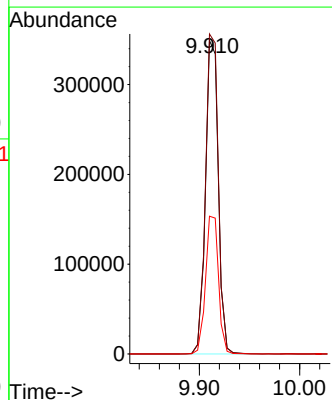
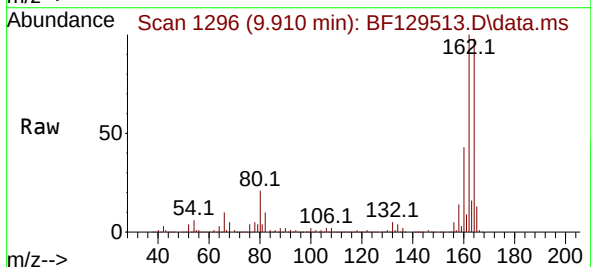
Instrument :
BNA_F
ClientSampleId :
RVE-60

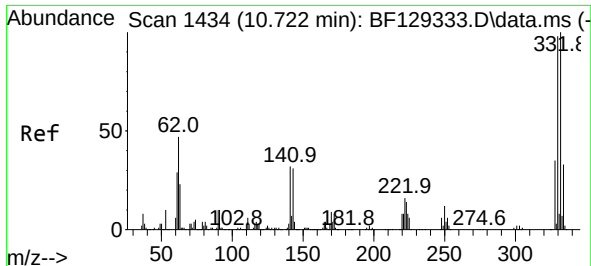
Tgt Ion: 82 Resp: 758705
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19

Tgt Ion:164 Resp: 311491
Ion Ratio Lower Upper
164 100
162 102.1 79.5 119.3
160 44.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 96.541 ng

RT: 10.710 min Scan# 1432

Delta R.T. -0.000 min

Lab File: BF129513.D

Acq: 02 Aug 2022 18:19

Instrument :

BNA_F

ClientSampleId :

RVE-60

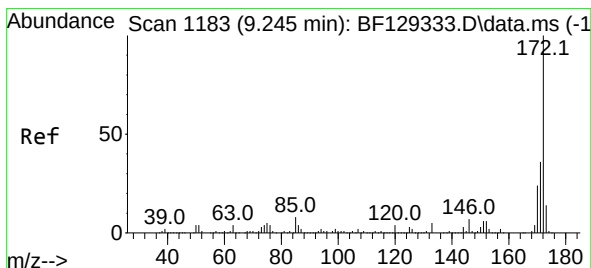
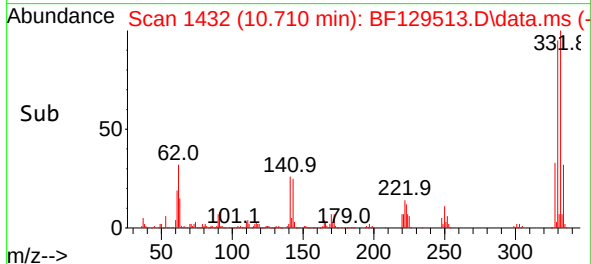
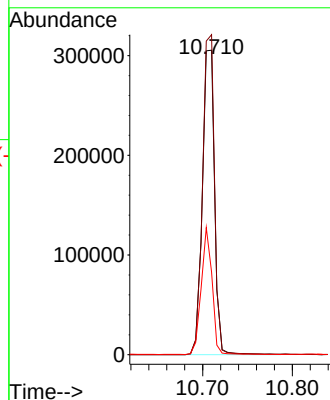
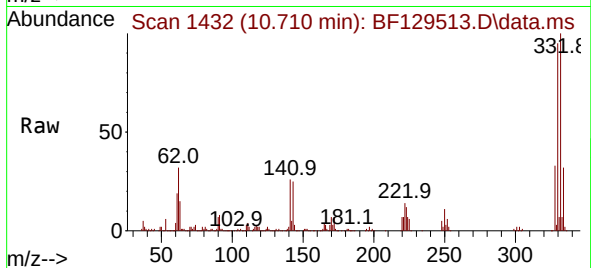
Tgt Ion:330 Resp: 289115

Ion Ratio Lower Upper

330 100

332 102.9 76.8 115.2

141 36.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 69.573 ng

RT: 9.234 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF129513.D

Acq: 02 Aug 2022 18:19

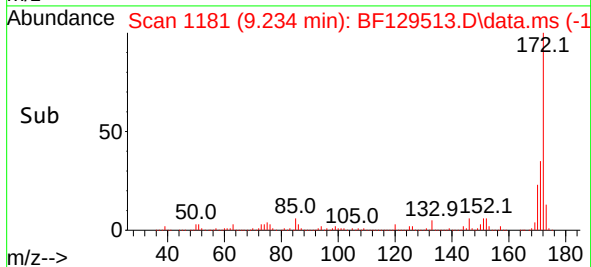
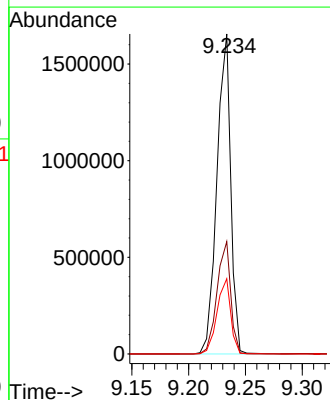
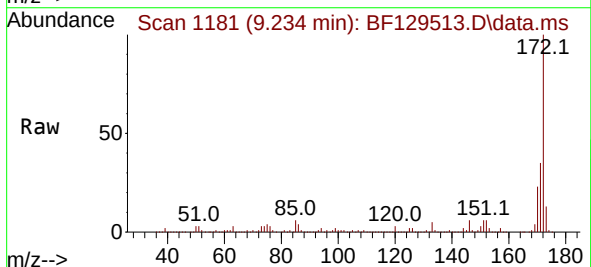
Tgt Ion:172 Resp: 1400904

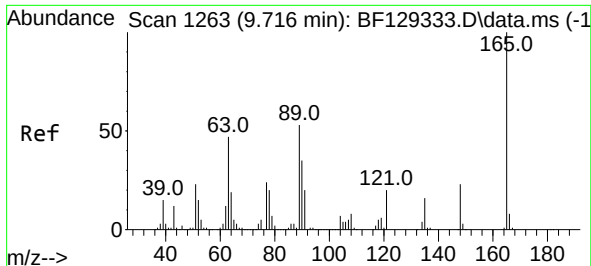
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.5 19.8 29.8

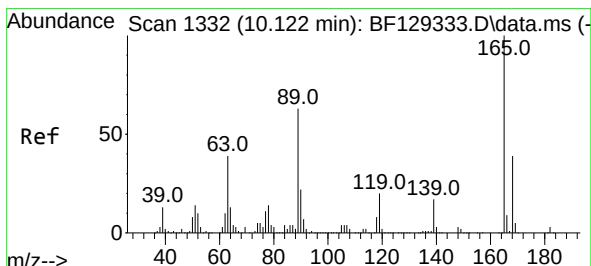
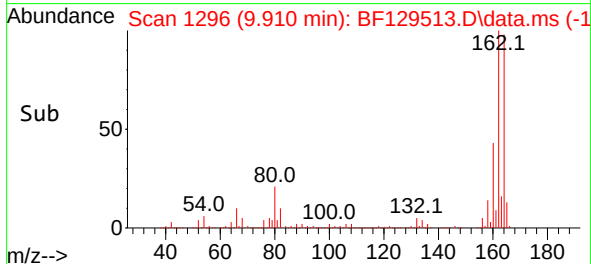
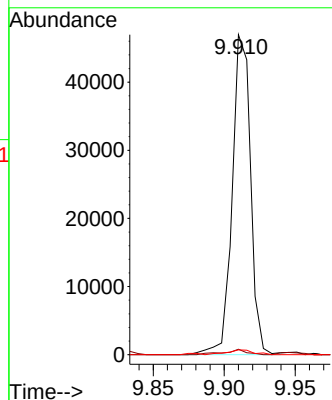
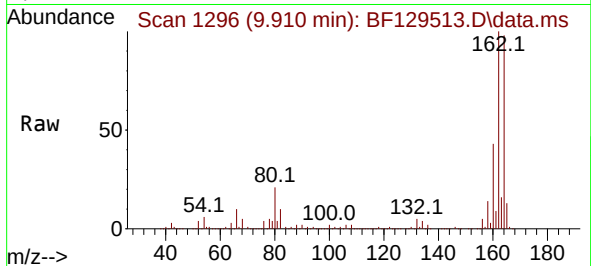




#51
2,6-Dinitrotoluene
Concen: 8.789 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.206 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19

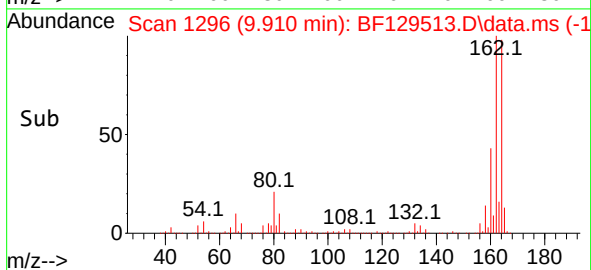
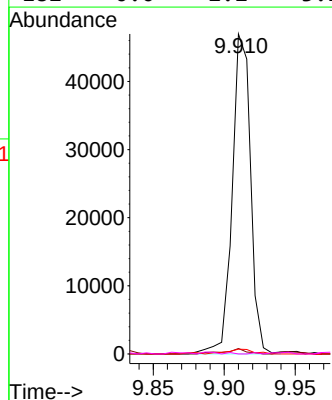
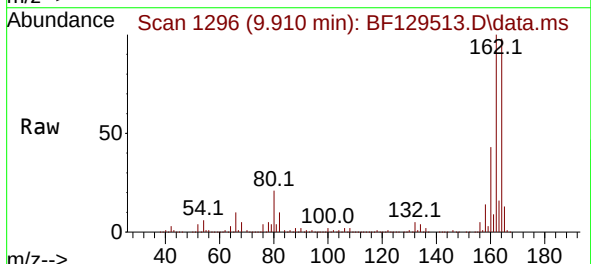
Instrument :
BNA_F
ClientSampleId :
RVE-60

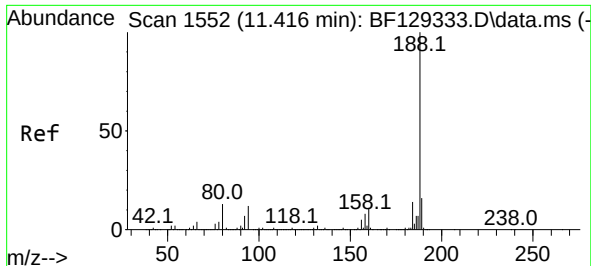
Tgt Ion:165 Resp: 42299
Ion Ratio Lower Upper
165 100
63 1.7 44.9 67.3#
89 1.5 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.728 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.200 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19

Tgt Ion:165 Resp: 42299
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#

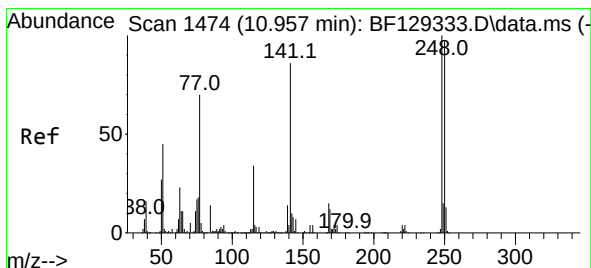
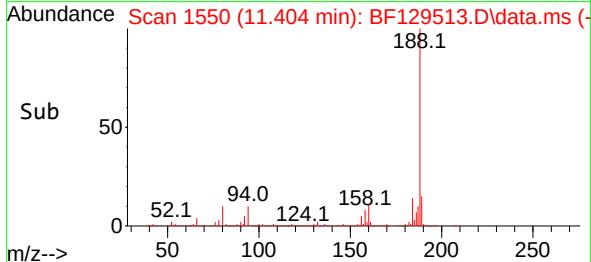
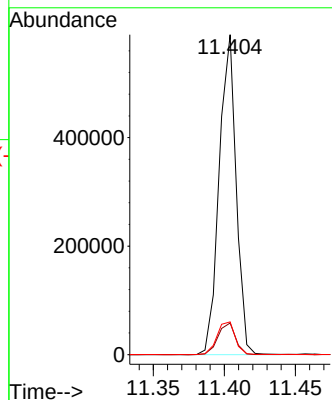
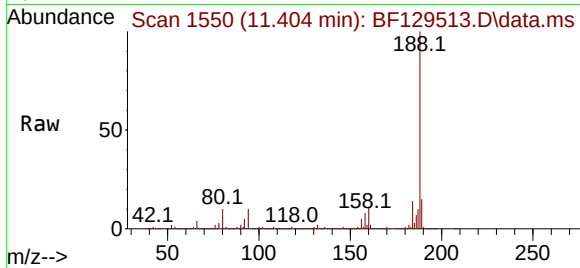




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19

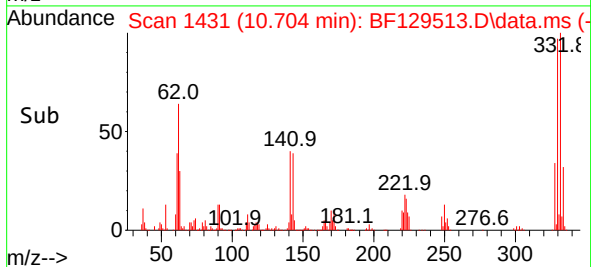
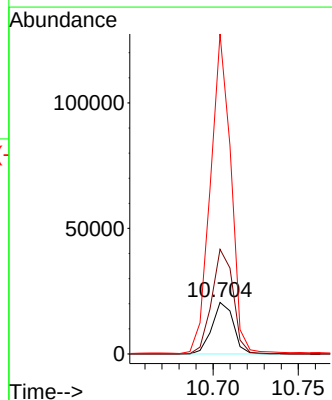
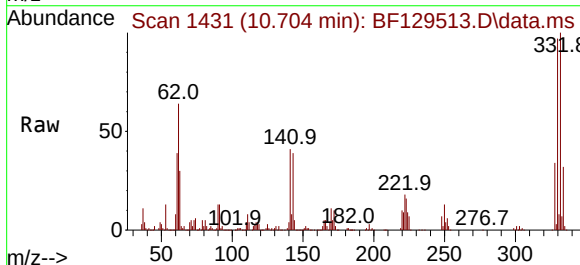
Instrument :
BNA_F
ClientSampleId :
RVE-60

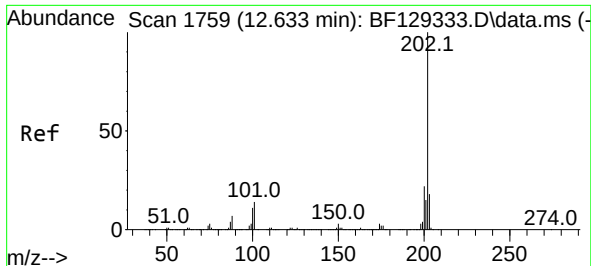
Tgt Ion:188 Resp: 489471
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.3 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.364 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.241 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19

Tgt Ion:248 Resp: 18028
Ion Ratio Lower Upper
248 100
250 202.9 80.6 120.8#
141 620.4 58.9 88.3#

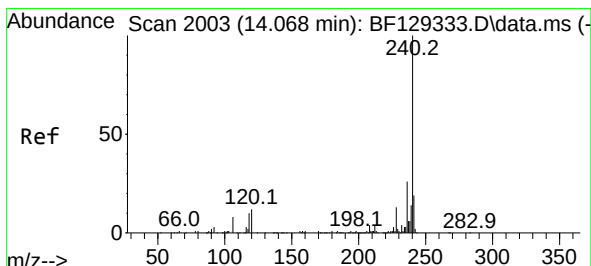
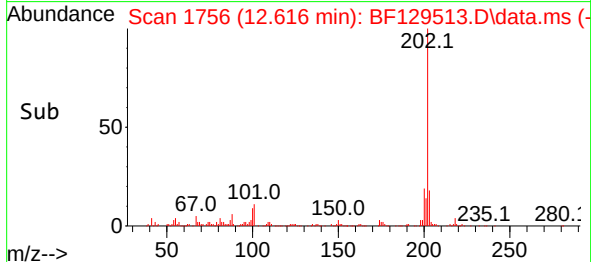
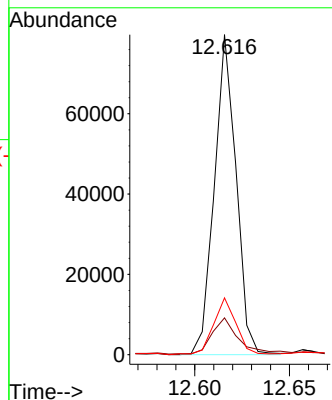
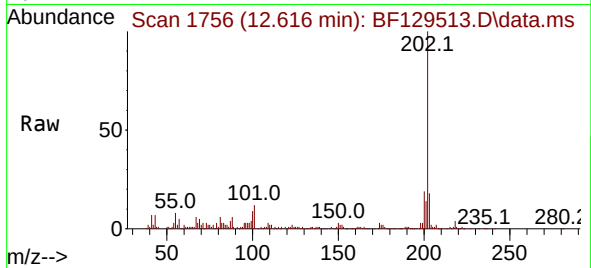




#75
Fluoranthene
Concen: 2.355 ng
RT: 12.616 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19

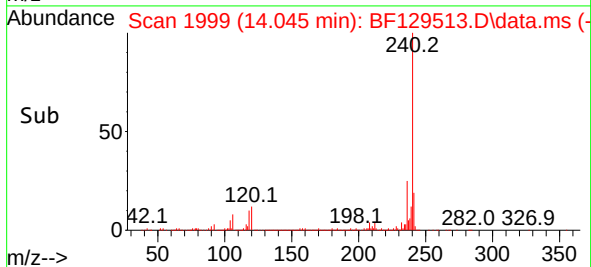
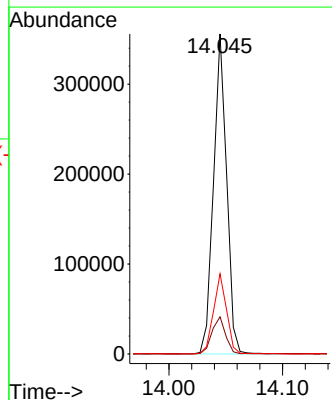
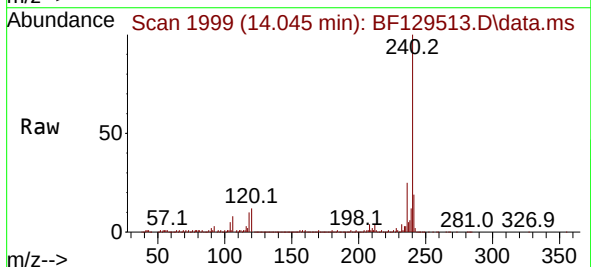
Instrument :
BNA_F
ClientSampleId :
RVE-60

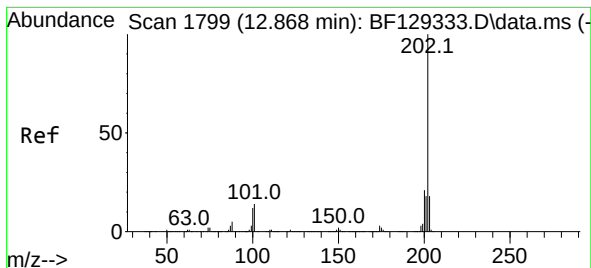
Tgt Ion:202 Resp: 63768
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 17.8 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF129513.D
Acq: 02 Aug 2022 18:19

Tgt Ion:240 Resp: 285281
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.1 20.8 31.2





#78

Pyrene

Concen: 2.430 ng

RT: 12.845 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129513.D

Acq: 02 Aug 2022 18:19

Instrument :

BNA_F

ClientSampleId :

RVE-60

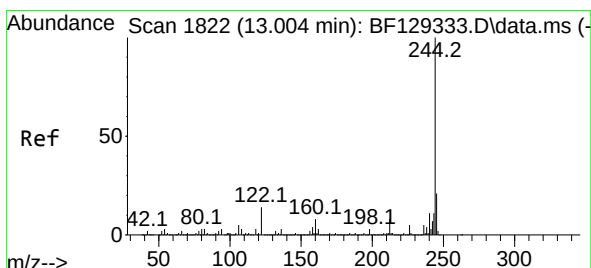
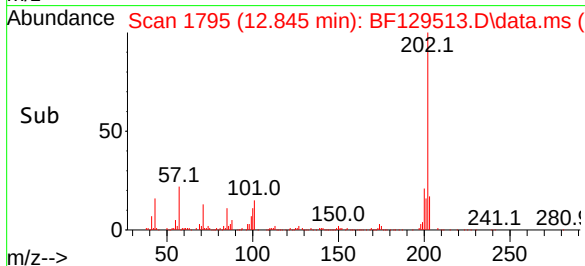
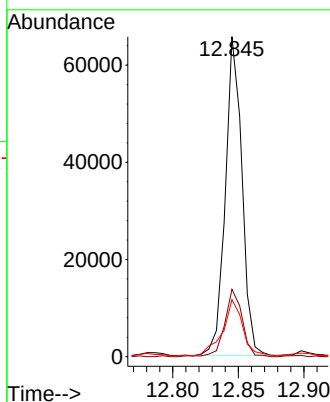
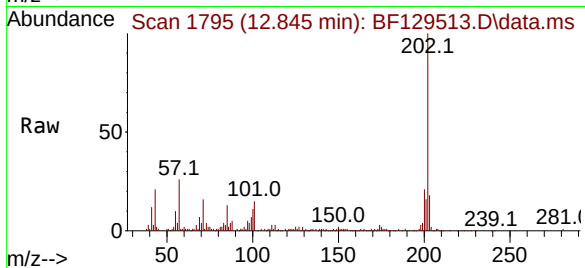
Tgt Ion:202 Resp: 57971

Ion Ratio Lower Upper

202 100

200 21.0 17.7 26.5

203 17.8 14.6 21.8



#79

Terphenyl-d14

Concen: 76.265 ng

RT: 12.986 min Scan# 1819

Delta R.T. 0.000 min

Lab File: BF129513.D

Acq: 02 Aug 2022 18:19

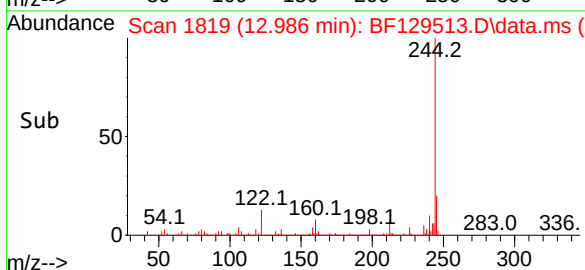
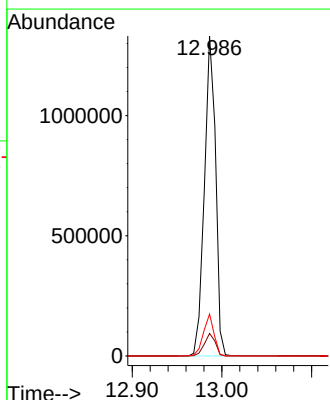
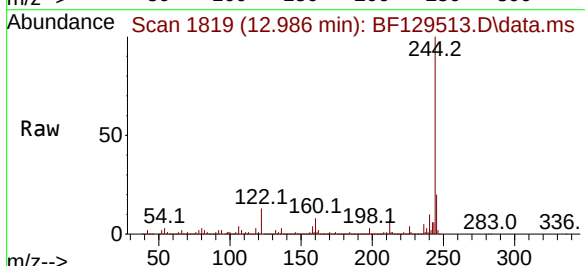
Tgt Ion:244 Resp: 1153253

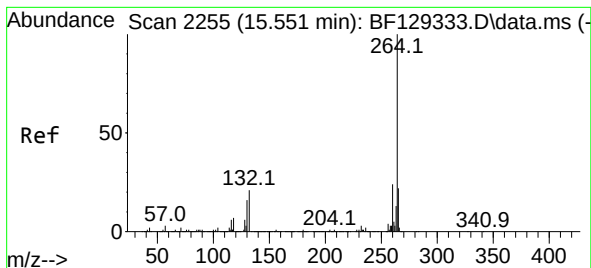
Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 13.1 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129513.D

Acq: 02 Aug 2022 18:19

Instrument :

BNA_F

ClientSampleId :

RVE-60

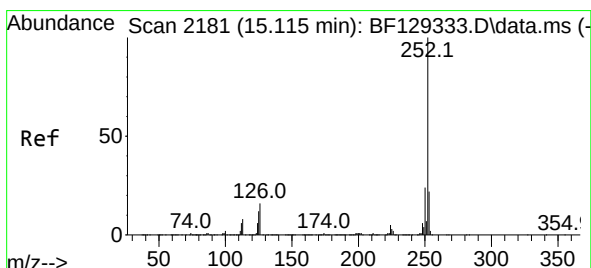
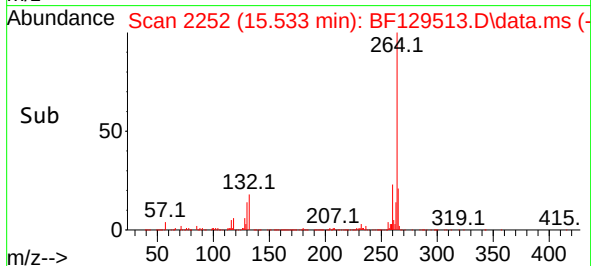
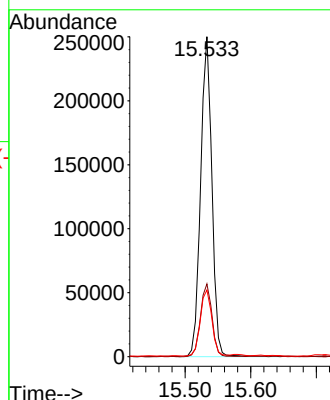
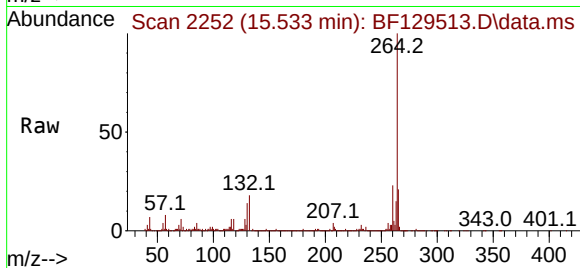
Tgt Ion:264 Resp: 299547

Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 20.8 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 2.859 ng

RT: 15.092 min Scan# 2177

Delta R.T. -0.000 min

Lab File: BF129513.D

Acq: 02 Aug 2022 18:19

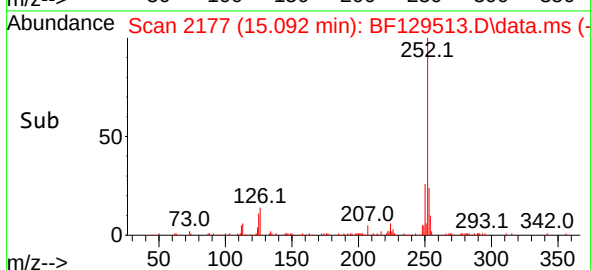
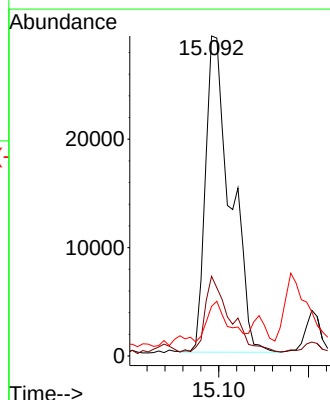
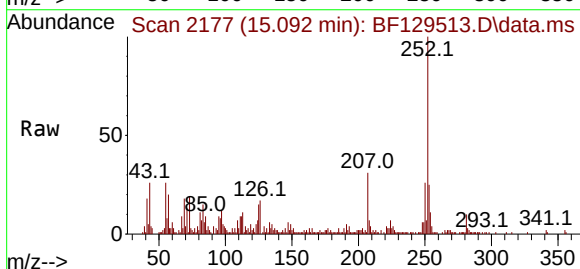
Tgt Ion:252 Resp: 56808

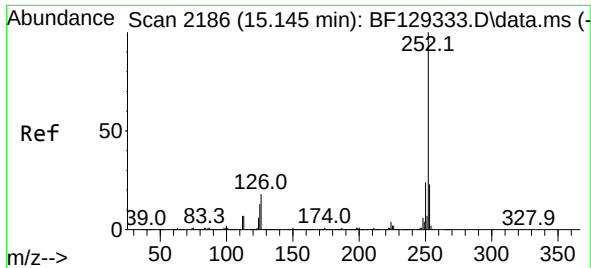
Ion Ratio Lower Upper

252 100

253 24.9 17.7 26.5

125 15.5 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 2.917 ng

RT: 15.092 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF129513.D

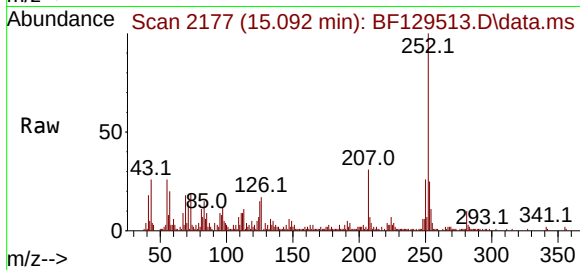
Acq: 02 Aug 2022 18:19

Instrument :

BNA_F

ClientSampleId :

RVE-60



Tgt Ion:252 Resp: 56808

Ion Ratio Lower Upper

252 100

253 24.9 17.8 26.6

125 15.5 8.3 12.5#

