

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129519.D
 Acq On : 02 Aug 2022 21:36
 Operator : CG\JU
 Sample : N3927-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-92

Quant Time: Aug 03 01:48:08 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)

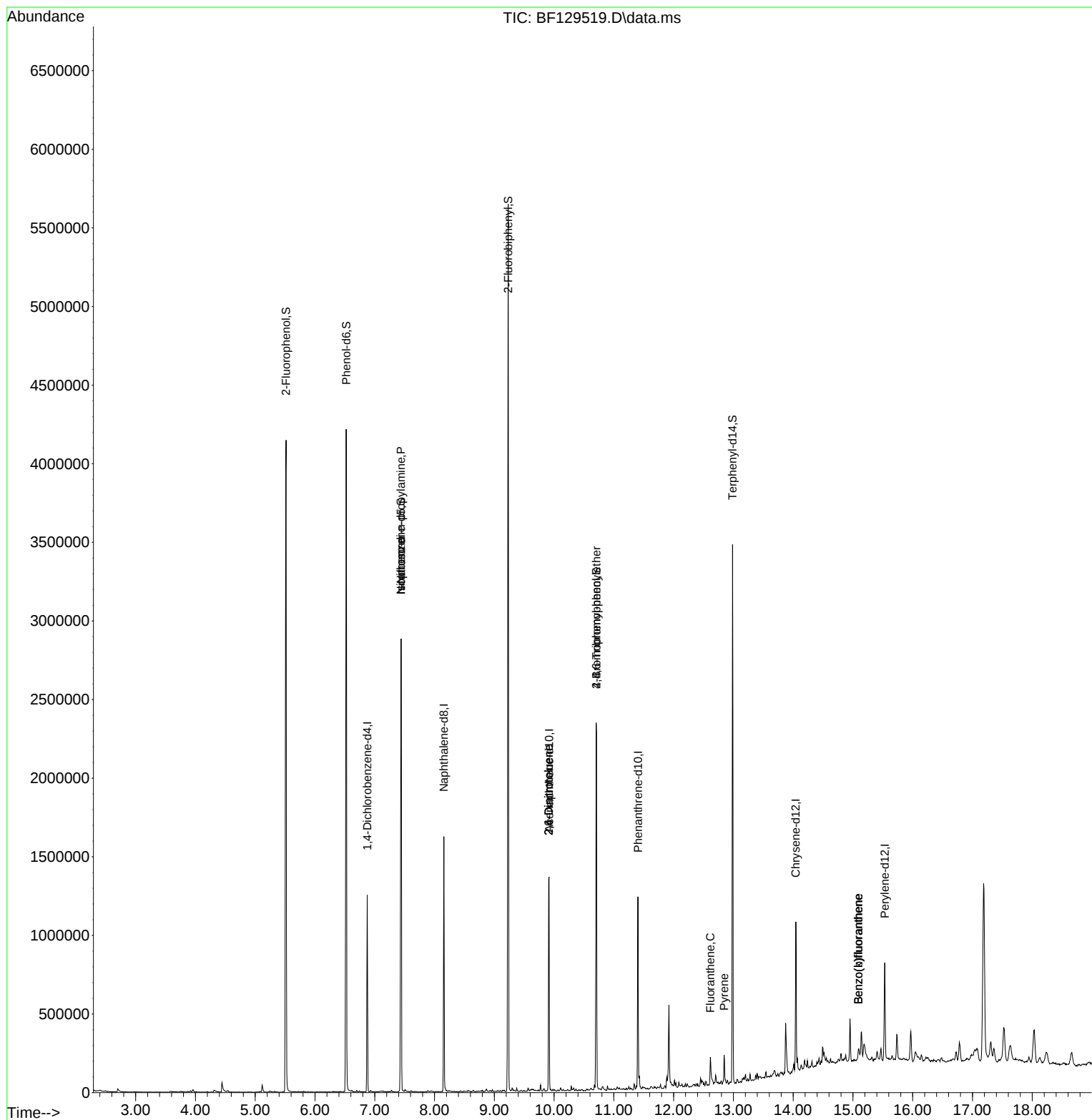
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	160085	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	612831	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	292183	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	386133	20.000	ng	0.00
76) Chrysene-d12	14.045	240	296625	20.000	ng	0.00
86) Perylene-d12	15.533	264	252482	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1166781	118.730	ng	0.01
7) Phenol-d6	6.522	99	1460791	118.262	ng	0.00
23) Nitrobenzene-d5	7.439	82	939952	83.727	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	280654	99.908	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1567526	82.992	ng	0.00
79) Terphenyl-d14	12.986	244	1070851	68.108	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	124431	16.640	ng	# 75
25) Isophorone	7.439	82	938405	46.633	ng	# 65
51) 2,6-Dinitrotoluene	9.910	165	38122	8.444	ng	# 25
57) 2,4-Dinitrotoluene	9.910	165	38122	6.464	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	17422	4.120	ng	# 1
75) Fluoranthene	12.616	202	49457	2.316	ng	98
78) Pyrene	12.845	202	65445	2.638	ng	98
88) Benzo(b)fluoranthene	15.092	252	48996	2.925	ng	# 93
89) Benzo(k)fluoranthene	15.092	252	48996	2.985	ng	# 94

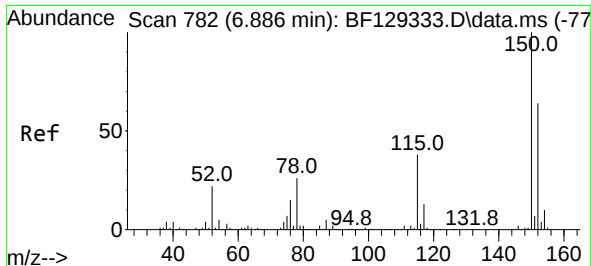
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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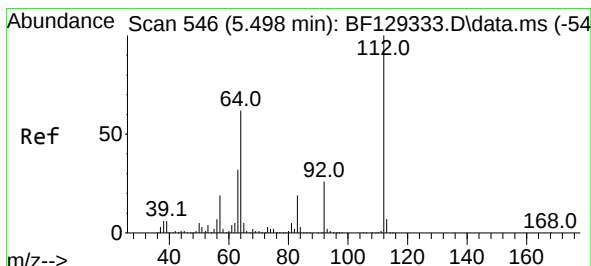
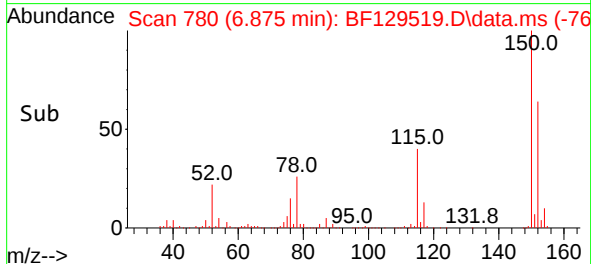
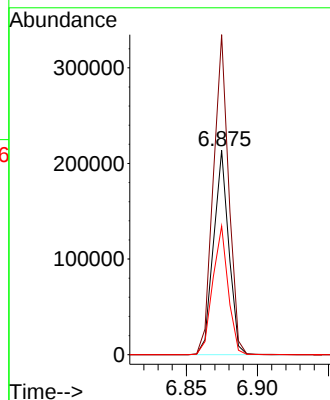
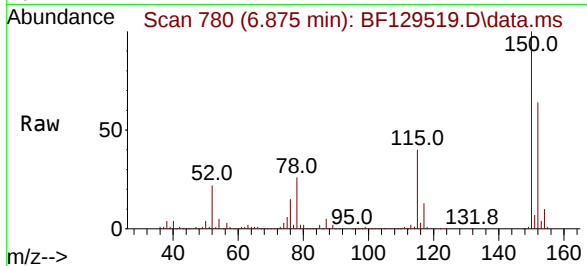




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129519.D
Acq: 02 Aug 2022 21:36

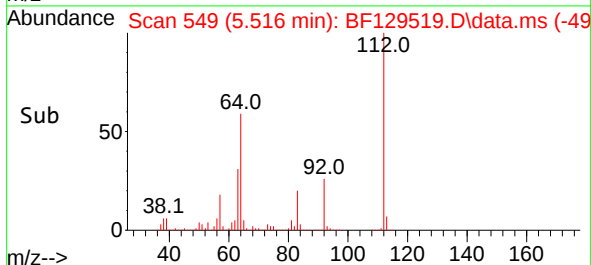
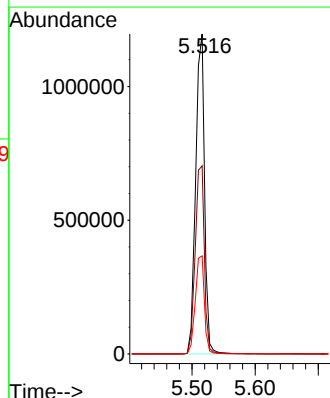
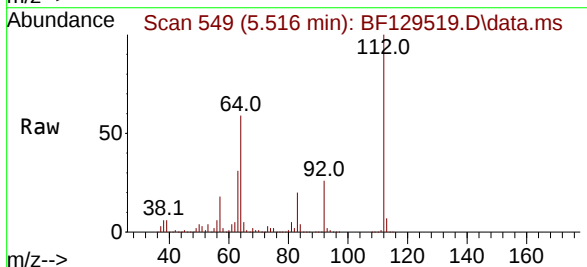
Instrument :
BNA_F
ClientSampleId :
RVE-92

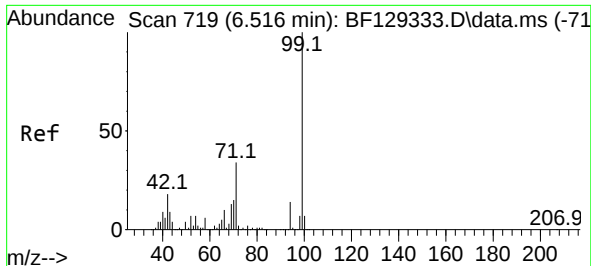
Tgt Ion:152 Resp: 160085
Ion Ratio Lower Upper
152 100
150 156.7 123.7 185.5
115 63.0 49.9 74.9



#5
2-Fluorophenol
Concen: 118.730 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.012 min
Lab File: BF129519.D
Acq: 02 Aug 2022 21:36

Tgt Ion:112 Resp: 1166781
Ion Ratio Lower Upper
112 100
64 58.8 53.3 79.9
63 30.6 28.0 42.0

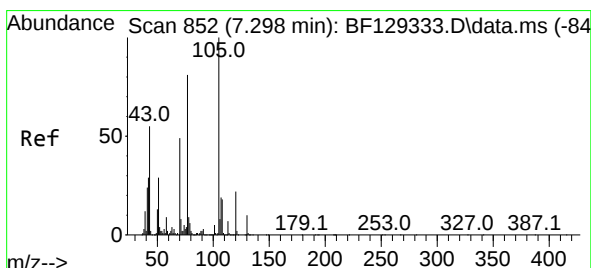
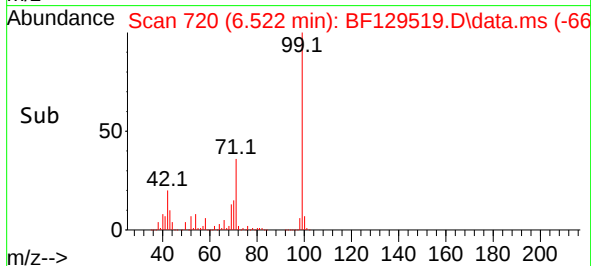
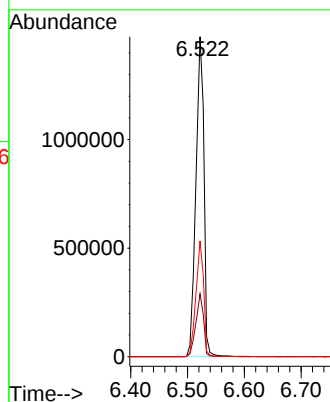
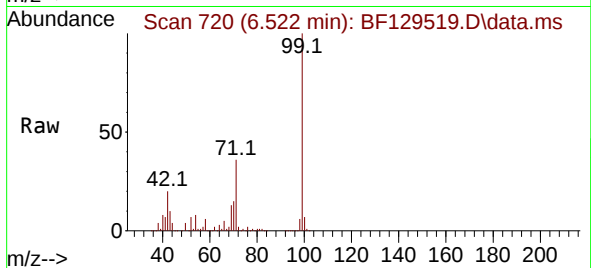




#7
Phenol-d6
Concen: 118.262 ng
RT: 6.522 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129519.D
Acq: 02 Aug 2022 21:36

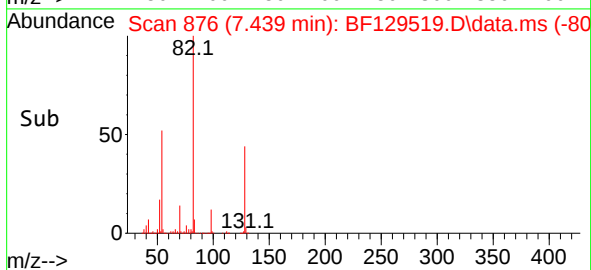
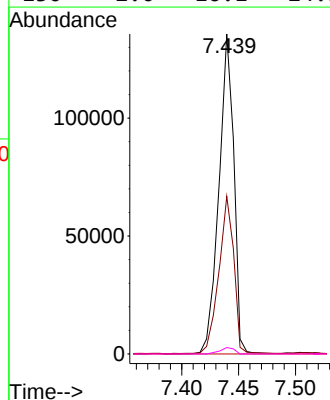
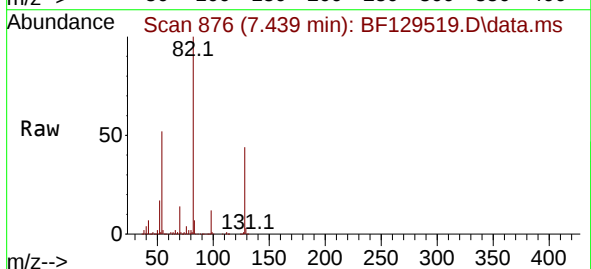
Instrument :
BNA_F
ClientSampleId :
RVE-92

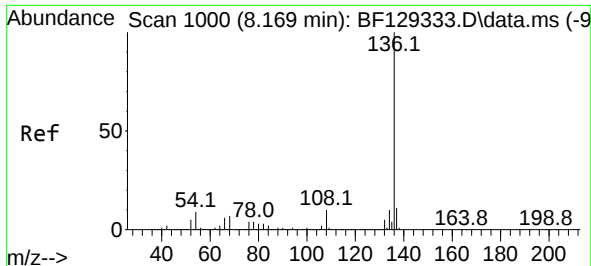
Tgt Ion: 99 Resp: 1460791
Ion Ratio Lower Upper
99 100
42 19.6 17.3 25.9
71 36.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.640 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129519.D
Acq: 02 Aug 2022 21:36

Tgt Ion: 70 Resp: 124431
Ion Ratio Lower Upper
70 100
42 49.3 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



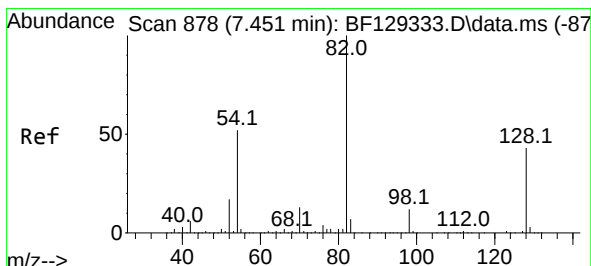
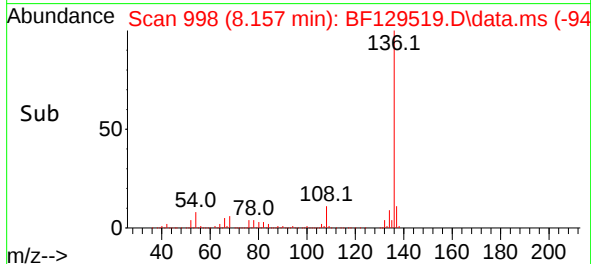
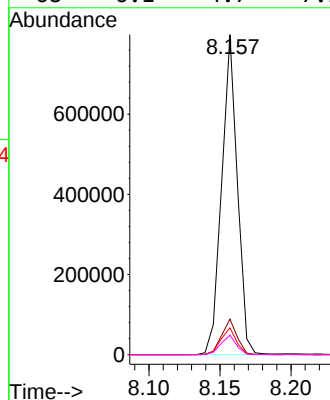
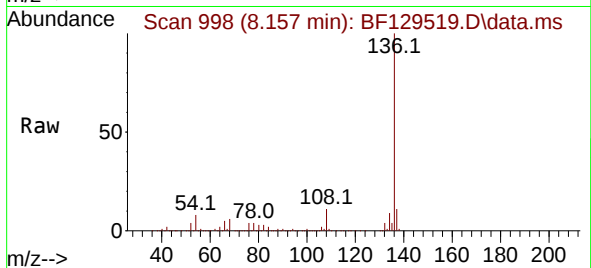


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129519.D
Acq: 02 Aug 2022 21:36

Instrument :
BNA_F
ClientSampleId :
RVE-92

Tgt Ion:136 Resp: 612831

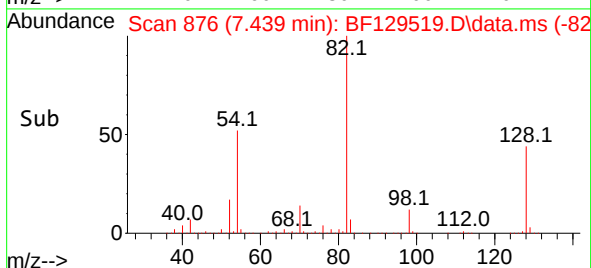
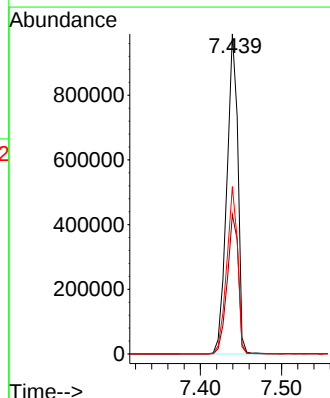
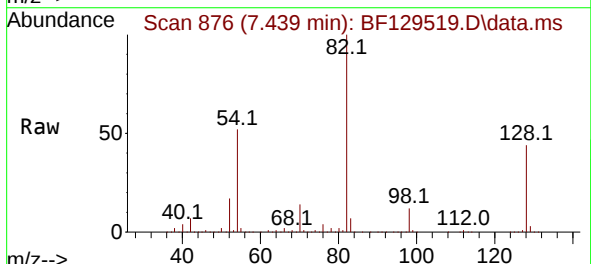
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.4	7.5	11.3
68	6.1	4.7	7.1

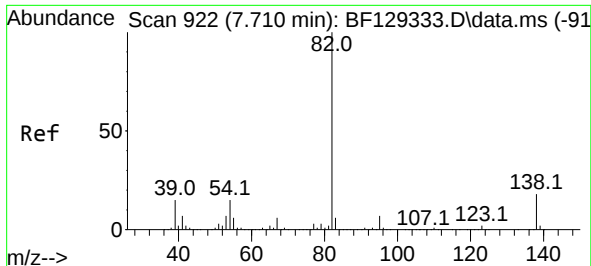


#23
Nitrobenzene-d5
Concen: 83.727 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129519.D
Acq: 02 Aug 2022 21:36

Tgt Ion: 82 Resp: 939952

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.0	51.0
54	52.3	46.9	70.3

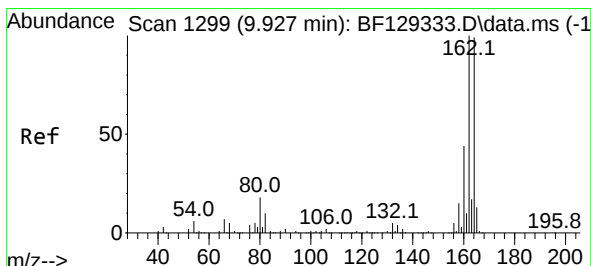
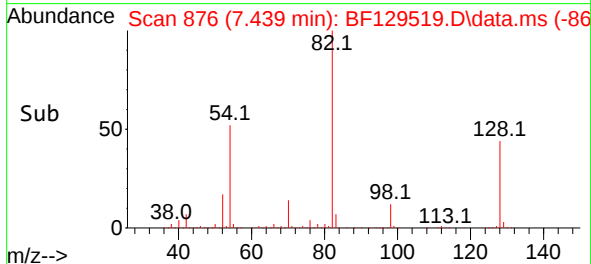
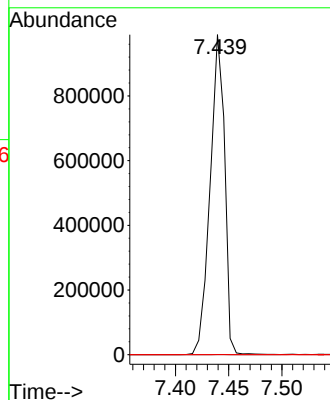
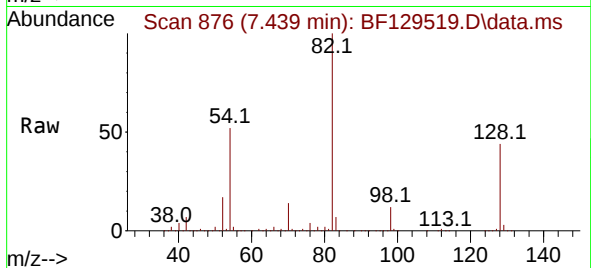




#25
Isophorone
Concen: 46.633 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129519.D
Acq: 02 Aug 2022 21:36

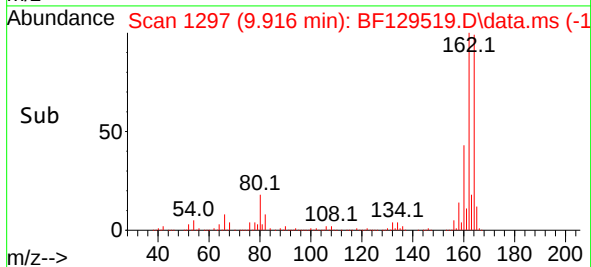
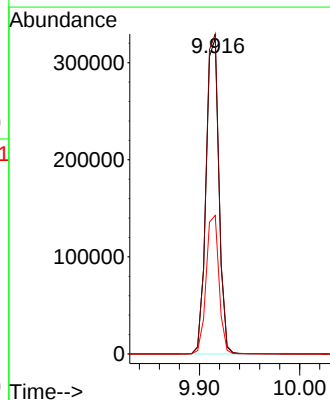
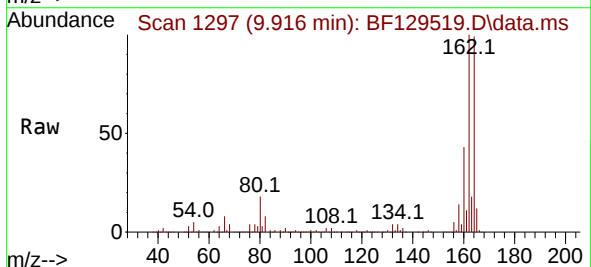
Instrument :
BNA_F
ClientSampleId :
RVE-92

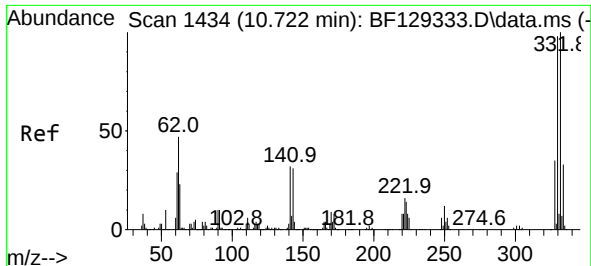
Tgt Ion: 82 Resp: 938405
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF129519.D
Acq: 02 Aug 2022 21:36

Tgt Ion:164 Resp: 292183
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 43.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 99.908 ng

RT: 10.710 min Scan# 1432

Delta R.T. -0.000 min

Lab File: BF129519.D

Acq: 02 Aug 2022 21:36

Instrument :

BNA_F

ClientSampleId :

RVE-92

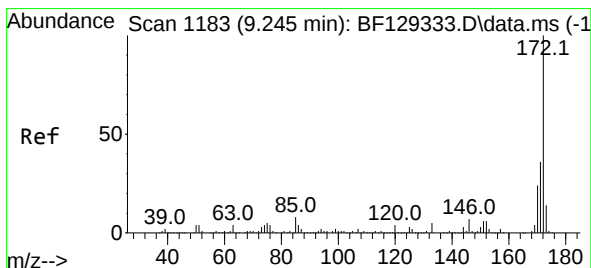
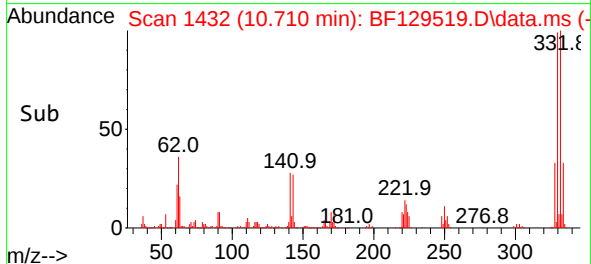
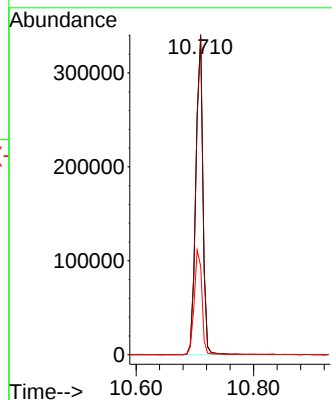
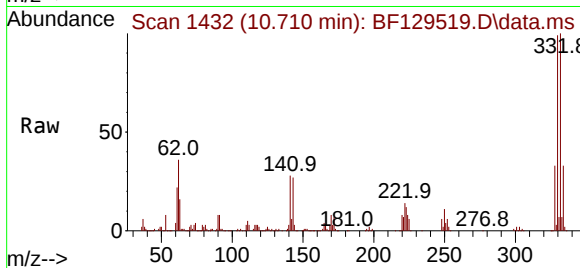
Tgt Ion:330 Resp: 280654

Ion Ratio Lower Upper

330 100

332 100.9 76.8 115.2

141 36.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 82.992 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129519.D

Acq: 02 Aug 2022 21:36

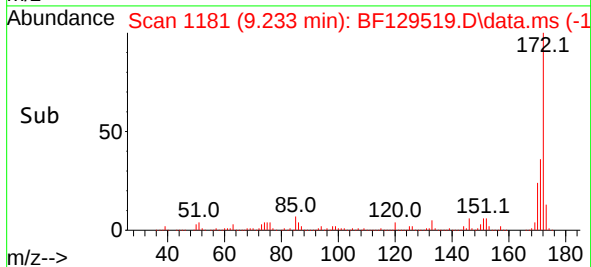
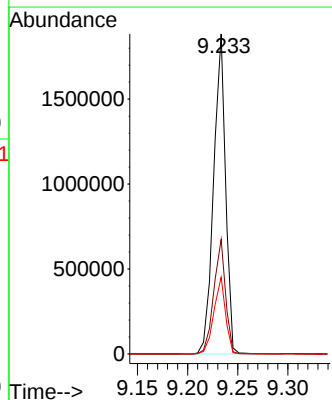
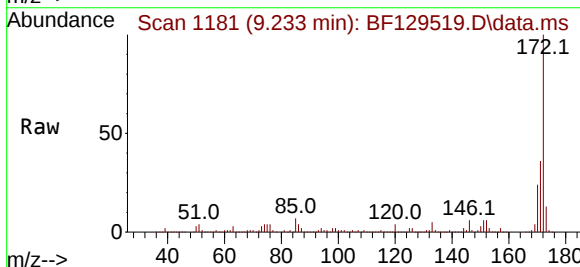
Tgt Ion:172 Resp: 1567526

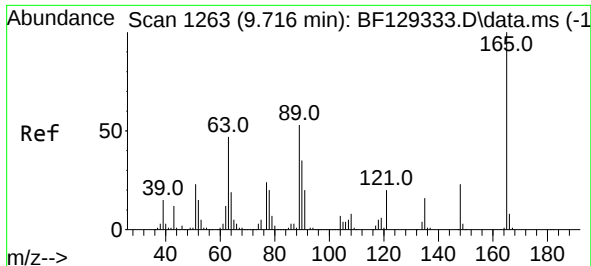
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.0 19.8 29.8

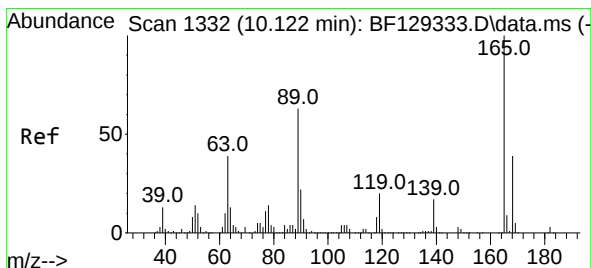
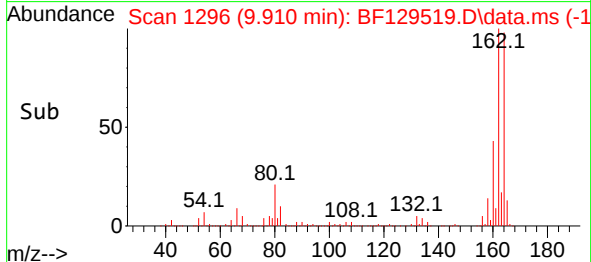
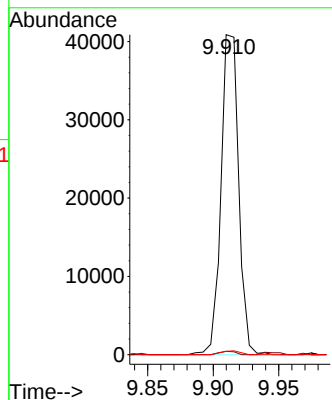
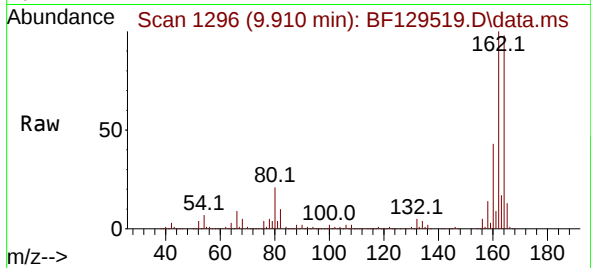




#51
2,6-Dinitrotoluene
Concen: 8.444 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.206 min
Lab File: BF129519.D
Acq: 02 Aug 2022 21:36

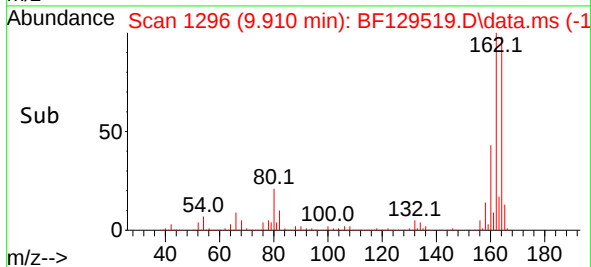
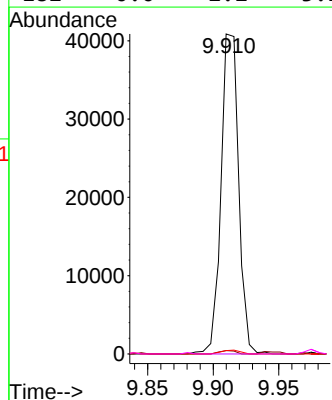
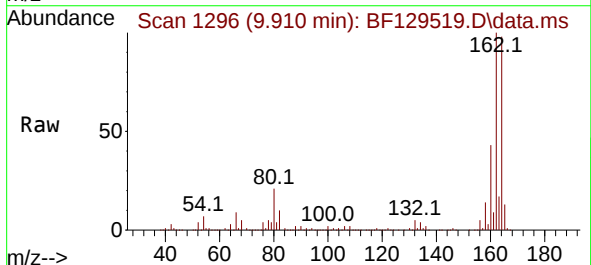
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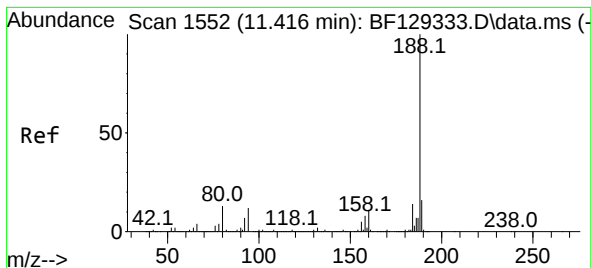
Tgt Ion:165 Resp: 38122
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.464 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.200 min
Lab File: BF129519.D
Acq: 02 Aug 2022 21:36

Tgt Ion:165 Resp: 38122
Ion Ratio Lower Upper
165 100
63 1.1 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: 11.404 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129519.D

Acq: 02 Aug 2022 21:36

Instrument :

BNA_F

ClientSampleId :

RVE-92

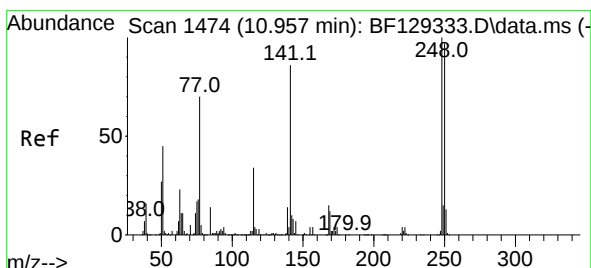
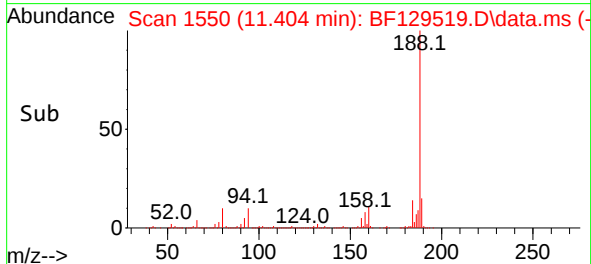
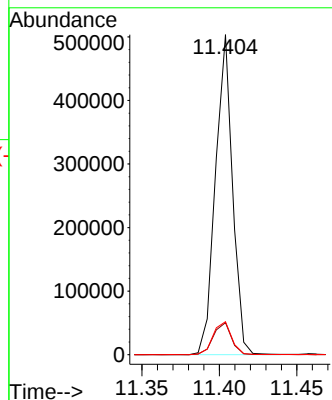
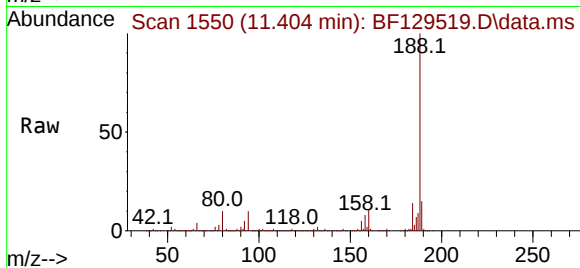
Tgt Ion:188 Resp: 386133

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.6

80 10.3 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.120 ng

RT: 10.710 min Scan# 1432

Delta R.T. -0.235 min

Lab File: BF129519.D

Acq: 02 Aug 2022 21:36

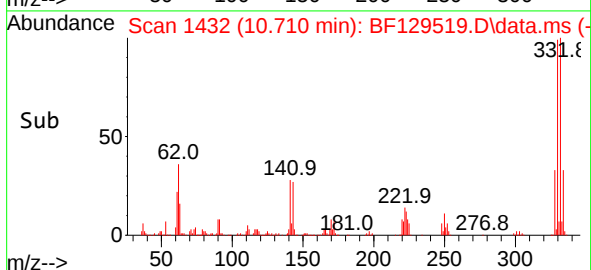
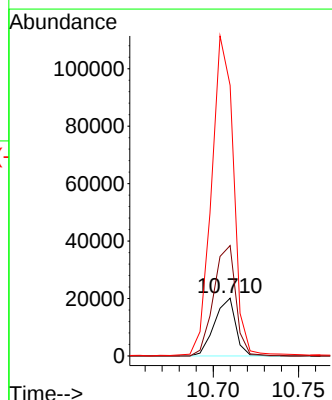
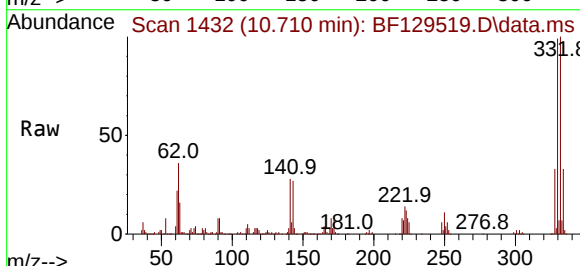
Tgt Ion:248 Resp: 17422

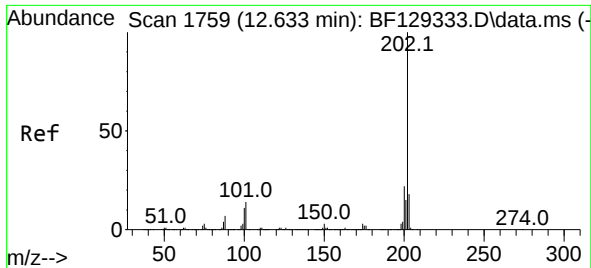
Ion Ratio Lower Upper

248 100

250 190.9 80.6 120.8#

141 467.7 58.9 88.3#

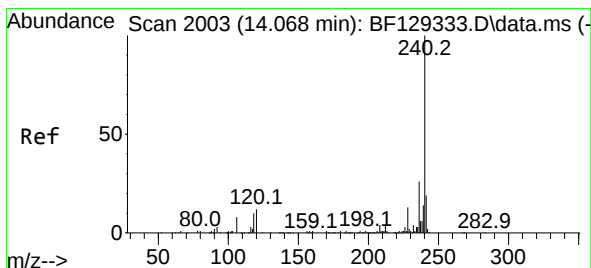
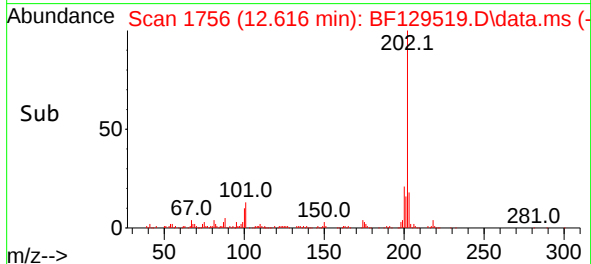
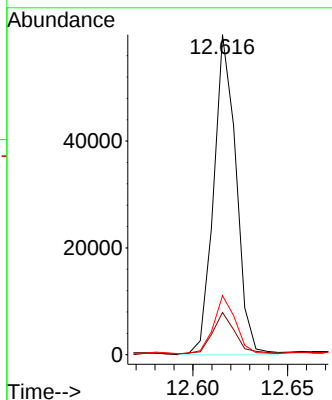
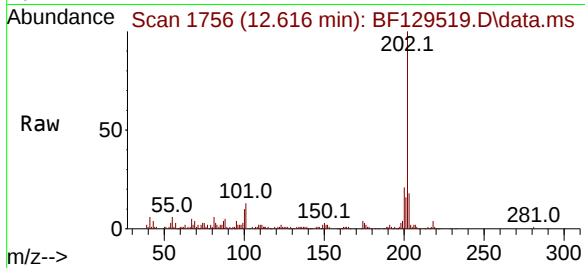




#75
Fluoranthene
Concen: 2.316 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129519.D
Acq: 02 Aug 2022 21:36

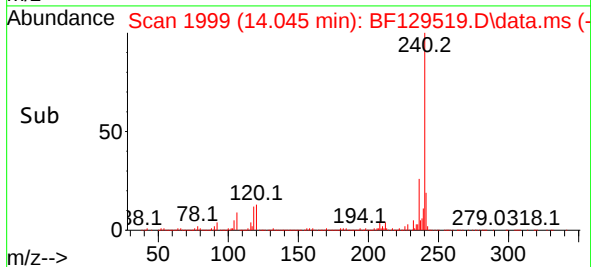
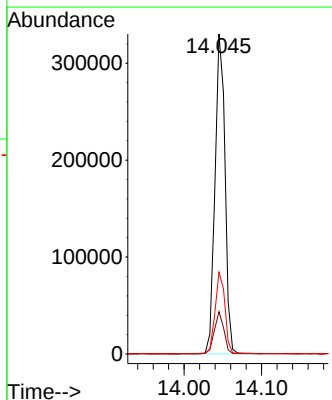
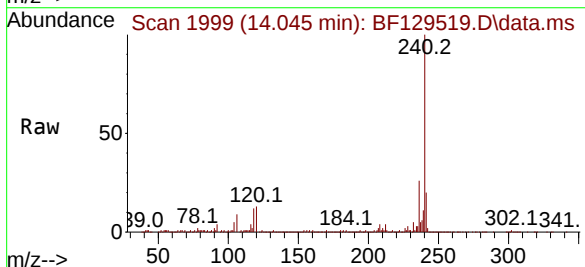
Instrument :
BNA_F
ClientSampleId :
RVE-92

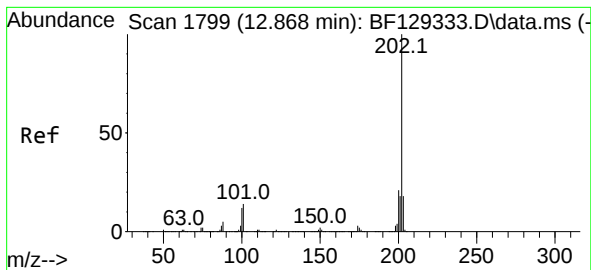
Tgt Ion:202 Resp: 49457
Ion Ratio Lower Upper
202 100
101 13.2 0.0 31.4
203 18.5 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF129519.D
Acq: 02 Aug 2022 21:36

Tgt Ion:240 Resp: 296625
Ion Ratio Lower Upper
240 100
120 13.2 8.9 13.3
236 25.6 20.8 31.2





#78

Pyrene

Concen: 2.638 ng

RT: 12.845 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129519.D

Acq: 02 Aug 2022 21:36

Instrument :

BNA_F

ClientSampleId :

RVE-92

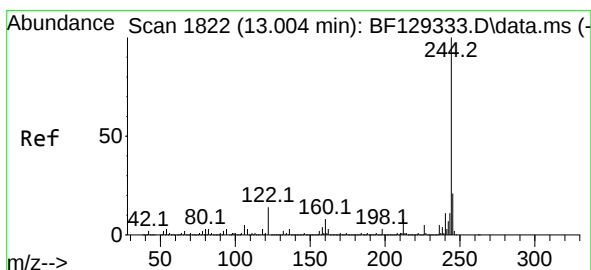
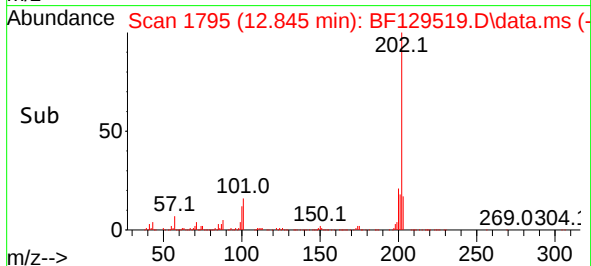
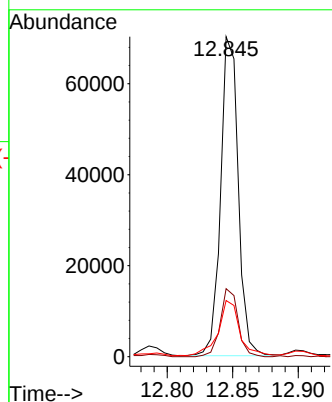
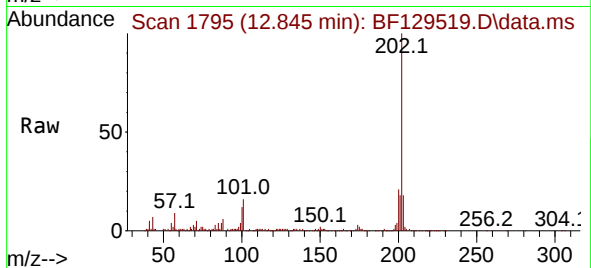
Tgt Ion:202 Resp: 65445

Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

203 17.6 14.6 21.8



#79

Terphenyl-d14

Concen: 68.108 ng

RT: 12.986 min Scan# 1819

Delta R.T. -0.000 min

Lab File: BF129519.D

Acq: 02 Aug 2022 21:36

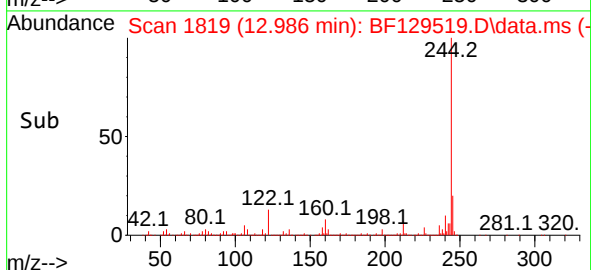
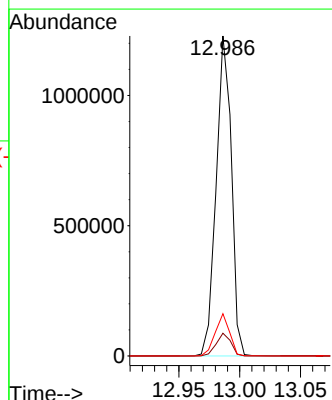
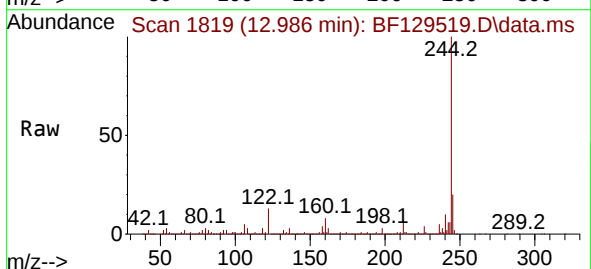
Tgt Ion:244 Resp: 1070851

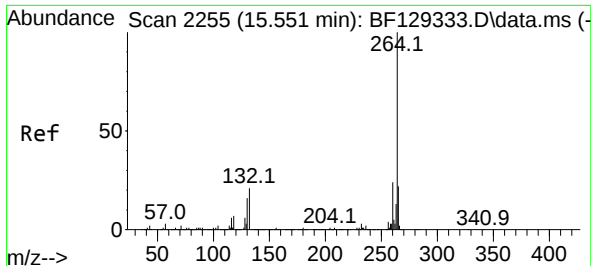
Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 13.2 8.8 13.2#

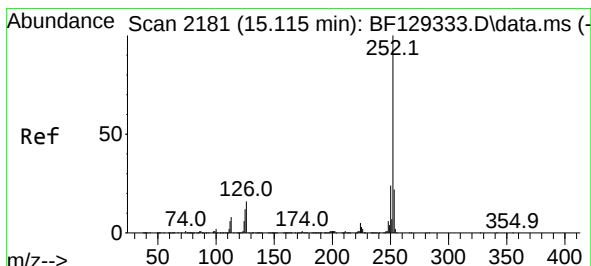
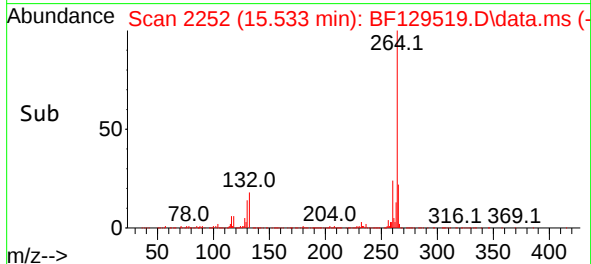
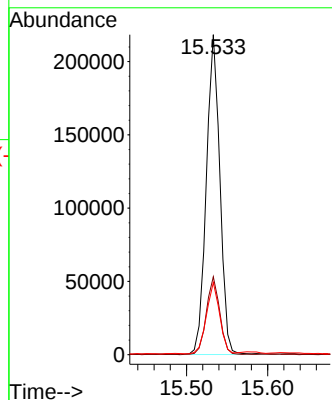
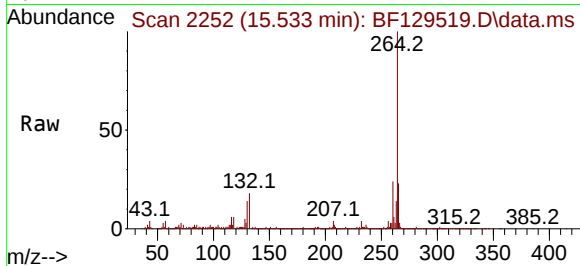




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2177
 Delta R.T. 0.006 min
 Lab File: BF129519.D
 Acq: 02 Aug 2022 21:36

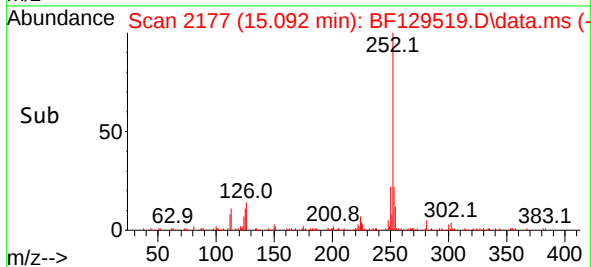
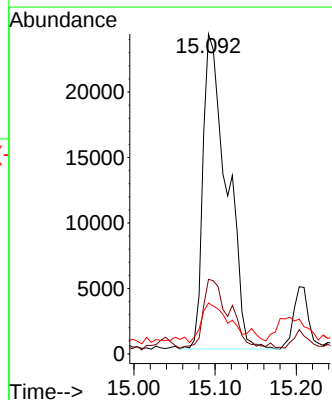
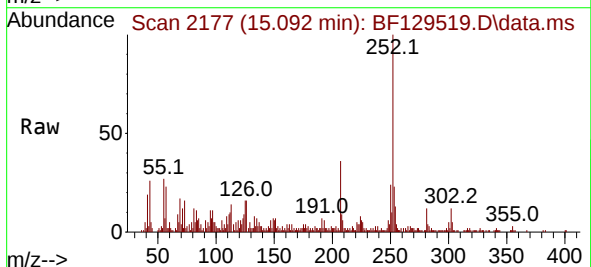
Instrument :
 BNA_F
 ClientSampleId :
 RVE-92

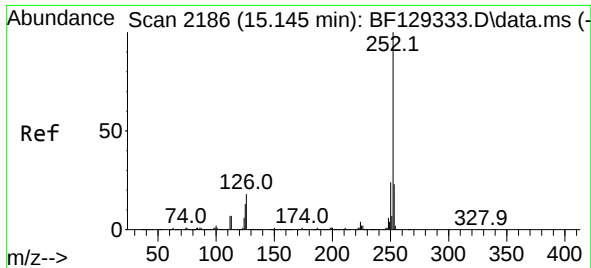
Tgt Ion:264 Resp: 252482
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.4 27.6
 265 22.5 17.2 25.8



#88
 Benzo(b)fluoranthene
 Concen: 2.925 ng
 RT: 15.092 min Scan# 2177
 Delta R.T. -0.000 min
 Lab File: BF129519.D
 Acq: 02 Aug 2022 21:36

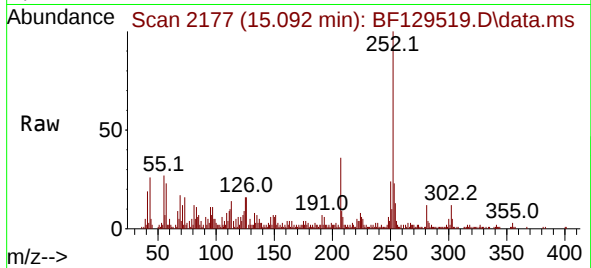
Tgt Ion:252 Resp: 48996
 Ion Ratio Lower Upper
 252 100
 253 23.3 17.7 26.5
 125 15.9 8.0 12.0#





#89
Benzo(k)fluoranthene
Concen: 2.985 ng
RT: 15.092 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF129519.D
Acq: 02 Aug 2022 21:36

Instrument :
BNA_F
ClientSampleId :
RVE-92



Tgt Ion:252 Resp: 48996
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 15.9 8.3 12.5#

