

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129517.D
 Acq On : 02 Aug 2022 20:31
 Operator : CG\JU
 Sample : N3927-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-91

Quant Time: Aug 03 01:47:51 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)

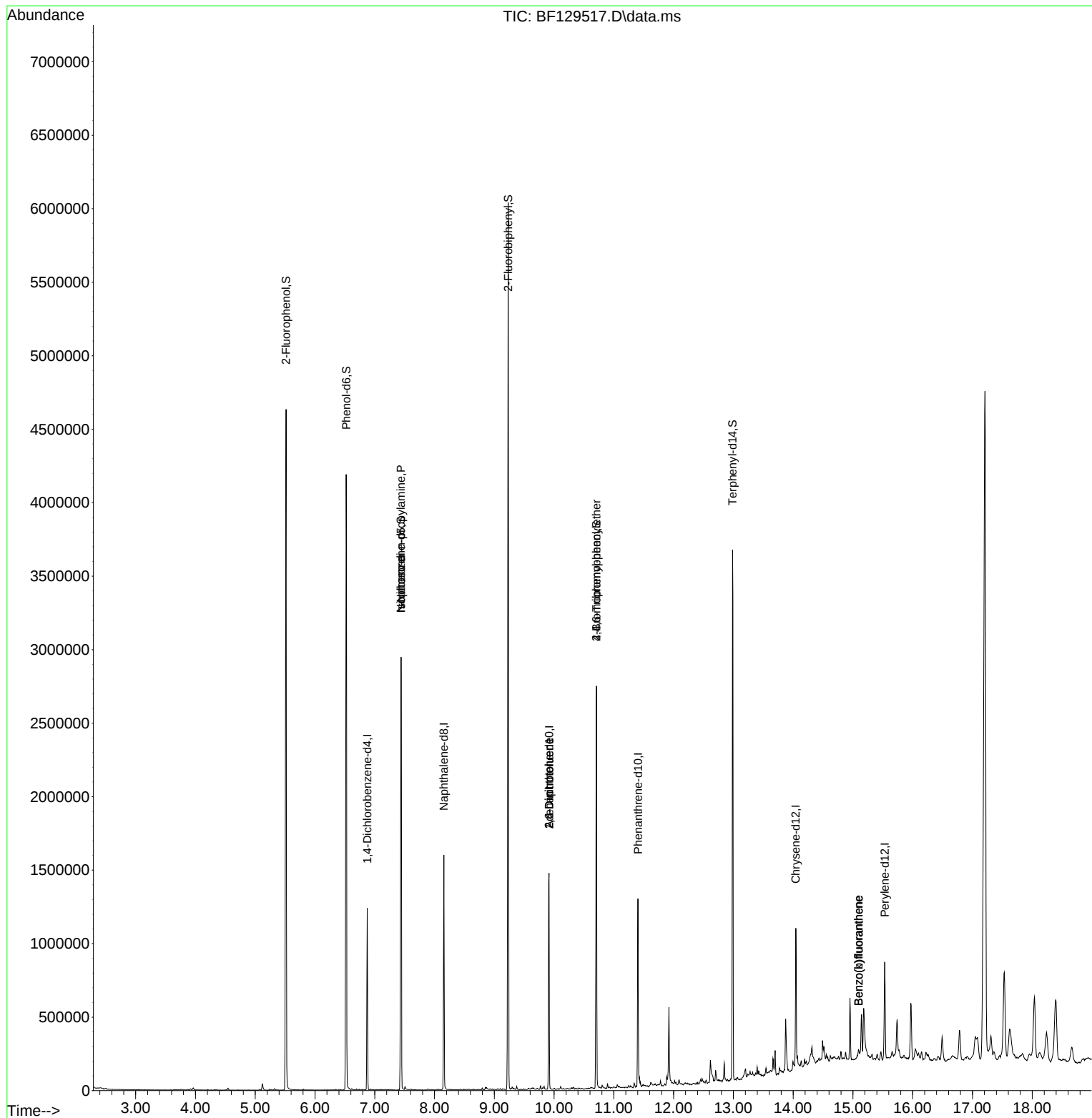
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	157653	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	621304	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	309291	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	421944	20.000	ng	0.00
76) Chrysene-d12	14.045	240	295284	20.000	ng	0.00
86) Perylene-d12	15.533	264	272432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1206248	124.639	ng	0.01
7) Phenol-d6	6.522	99	1537620	126.402	ng	0.00
23) Nitrobenzene-d5	7.439	82	981303	86.219	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	319642	107.493	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1696332	84.844	ng	0.00
79) Terphenyl-d14	12.986	244	1220509	77.979	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	132779	18.030	ng	# 73
25) Isophorone	7.439	82	981293	48.099	ng	# 65
51) 2,6-Dinitrotoluene	9.916	165	40350	8.443	ng	# 26
57) 2,4-Dinitrotoluene	9.916	165	40350	6.463	ng	# 22
67) 4-Bromophenyl-phenylether	10.710	248	20782	4.498	ng	# 1
88) Benzo(b)fluoranthene	15.098	252	36586	2.025	ng	# 93
89) Benzo(k)fluoranthene	15.098	252	36586	2.066	ng	# 93

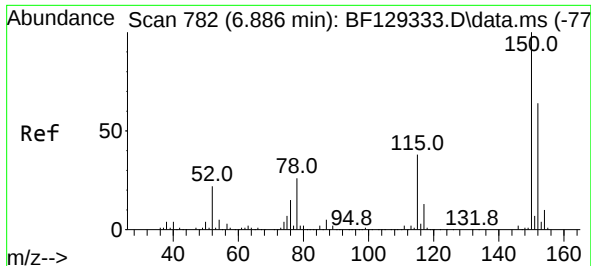
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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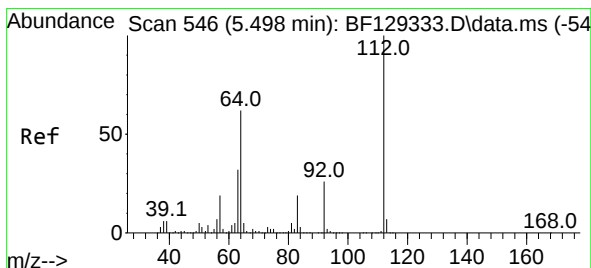
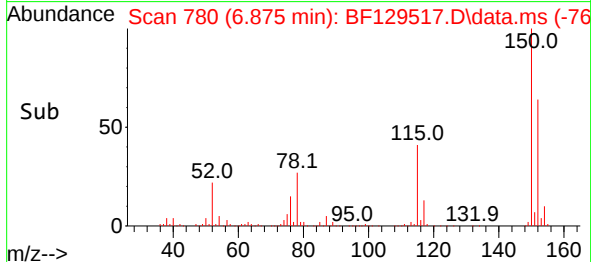
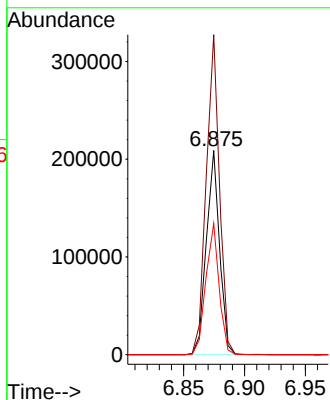
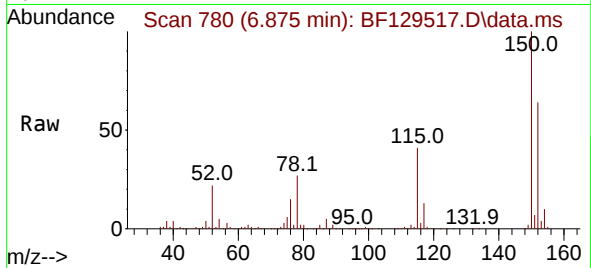




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129517.D
Acq: 02 Aug 2022 20:31

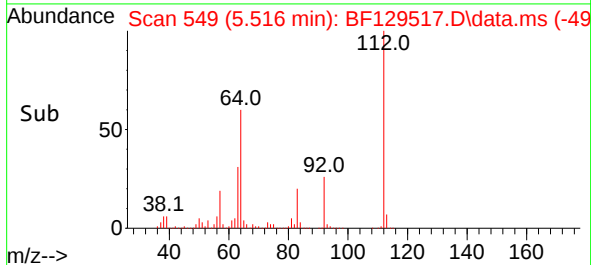
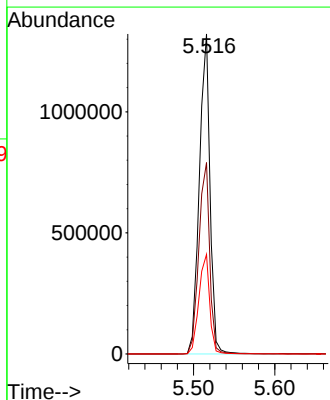
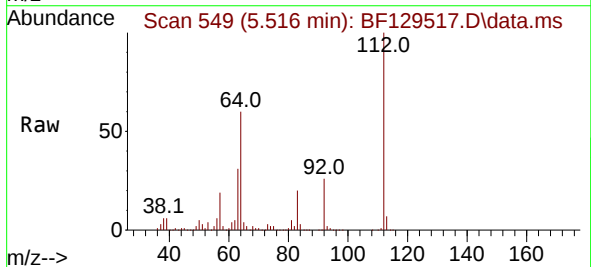
Instrument :
BNA_F
ClientSampleId :
RVE-91

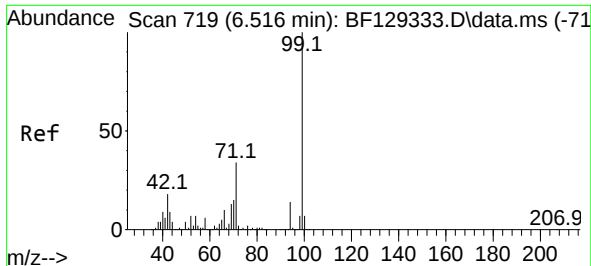
Tgt Ion:152 Resp: 157653
Ion Ratio Lower Upper
152 100
150 156.7 123.7 185.5
115 64.3 49.9 74.9



#5
2-Fluorophenol
Concen: 124.639 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.012 min
Lab File: BF129517.D
Acq: 02 Aug 2022 20:31

Tgt Ion:112 Resp: 1206248
Ion Ratio Lower Upper
112 100
64 59.8 53.3 79.9
63 31.1 28.0 42.0

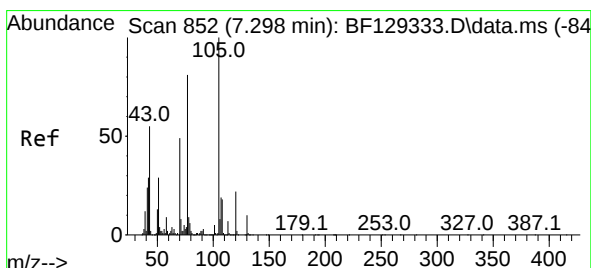
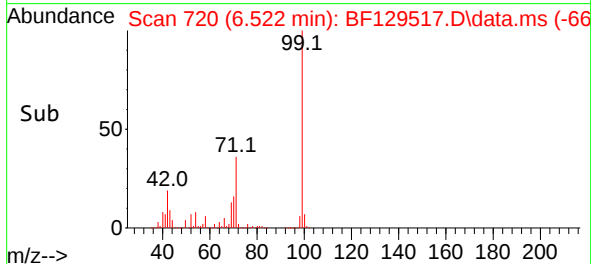
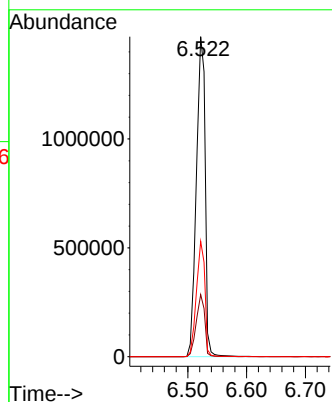
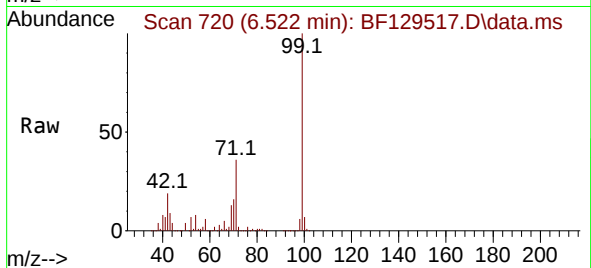




#7
Phenol-d6
Concen: 126.402 ng
RT: 6.522 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129517.D
Acq: 02 Aug 2022 20:31

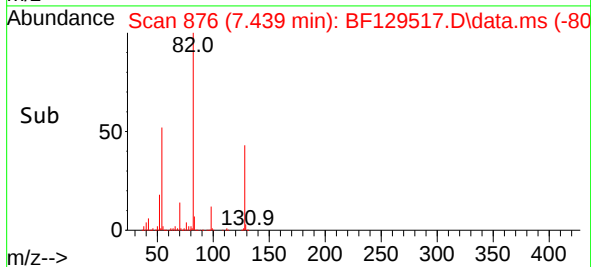
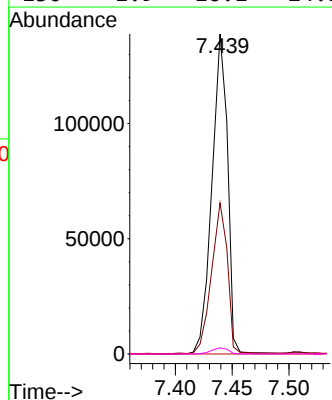
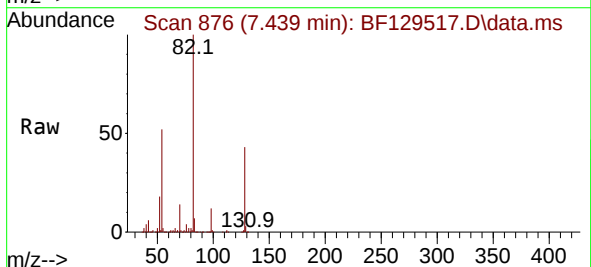
Instrument :
BNA_F
ClientSampleId :
RVE-91

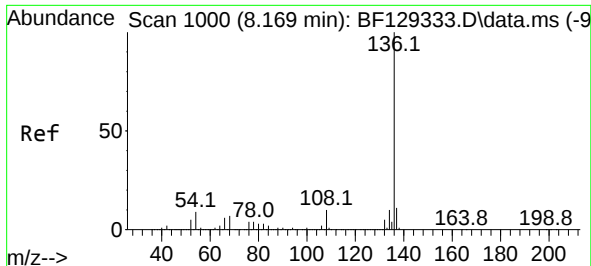
Tgt Ion: 99 Resp: 1537620
Ion Ratio Lower Upper
99 100
42 19.4 17.3 25.9
71 36.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.030 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129517.D
Acq: 02 Aug 2022 20:31

Tgt Ion: 70 Resp: 132779
Ion Ratio Lower Upper
70 100
42 47.2 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#



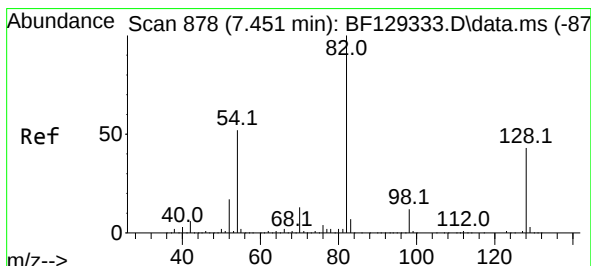
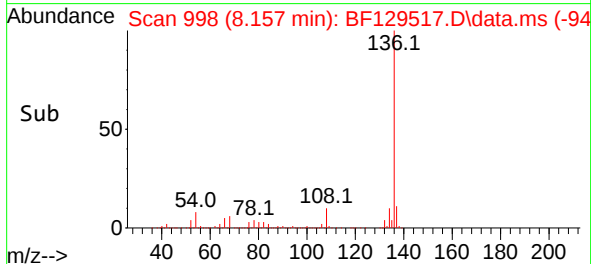
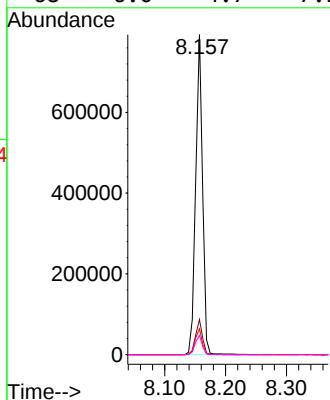
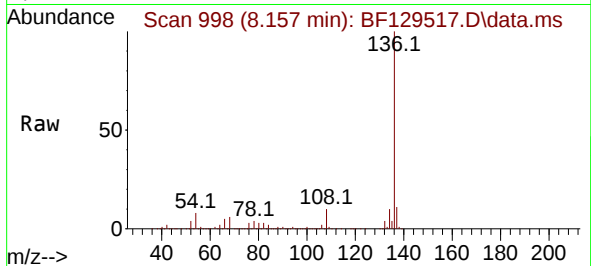


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129517.D
Acq: 02 Aug 2022 20:31

Instrument :
BNA_F
ClientSampleId :
RVE-91

Tgt Ion:136 Resp: 621304

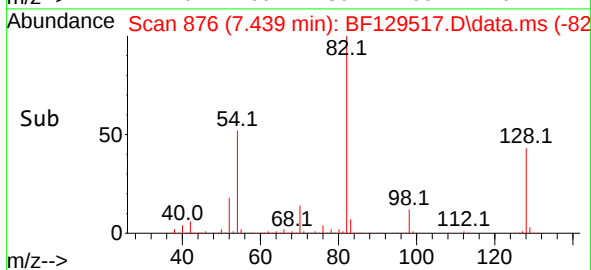
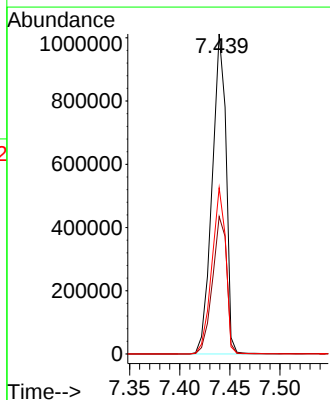
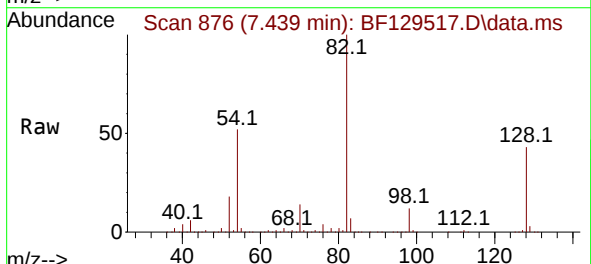
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.1	7.5	11.3
68	6.0	4.7	7.1

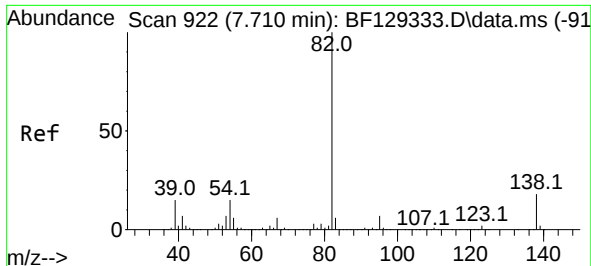


#23
Nitrobenzene-d5
Concen: 86.219 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129517.D
Acq: 02 Aug 2022 20:31

Tgt Ion: 82 Resp: 981303

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.0	51.0
54	52.0	46.9	70.3

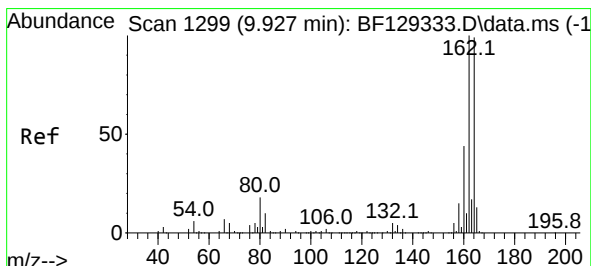
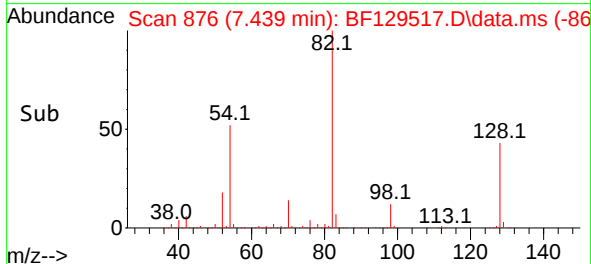
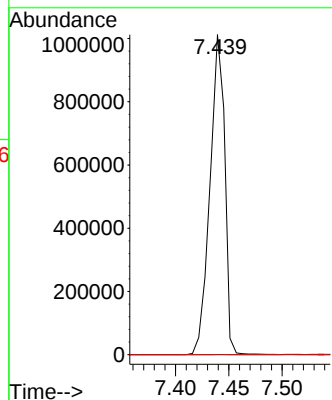
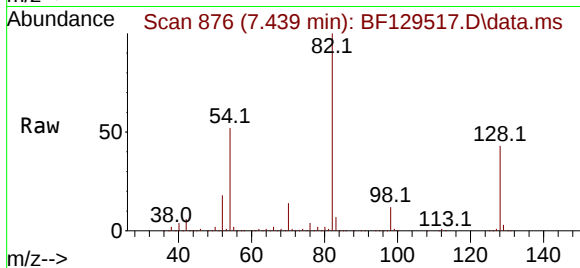




#25
Isophorone
Concen: 48.099 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129517.D
Acq: 02 Aug 2022 20:31

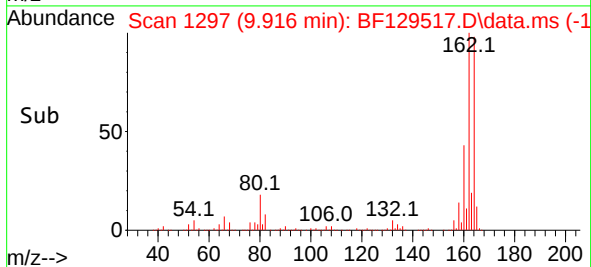
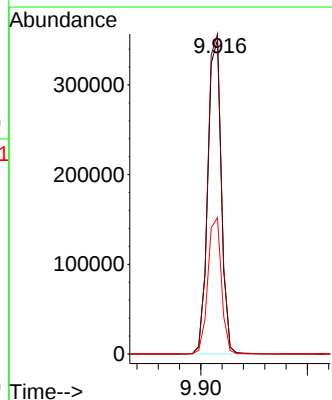
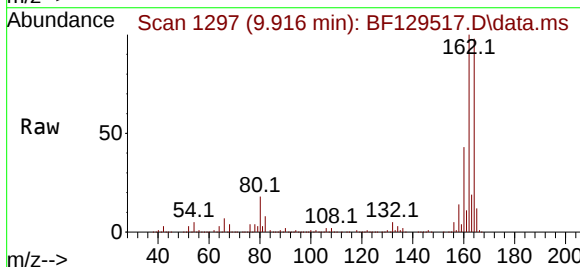
Instrument :
BNA_F
ClientSampleId :
RVE-91

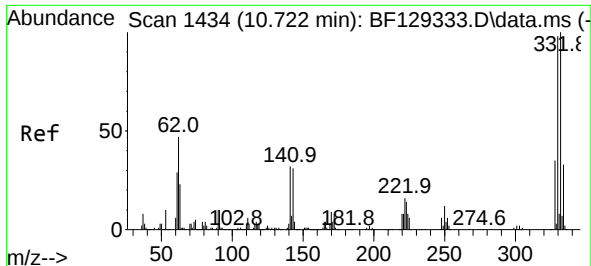
Tgt Ion: 82 Resp: 981293
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF129517.D
Acq: 02 Aug 2022 20:31

Tgt Ion:164 Resp: 309291
Ion Ratio Lower Upper
164 100
162 101.8 79.5 119.3
160 43.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 107.493 ng

RT: 10.710 min Scan# 1432

Delta R.T. -0.000 min

Lab File: BF129517.D

Acq: 02 Aug 2022 20:31

Instrument :

BNA_F

ClientSampleId :

RVE-91

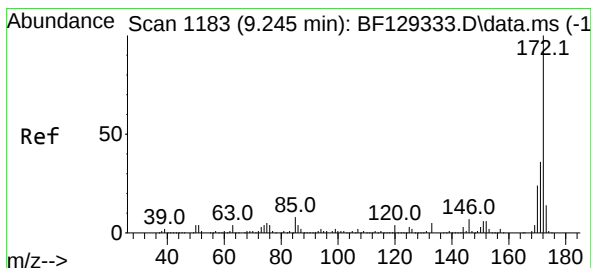
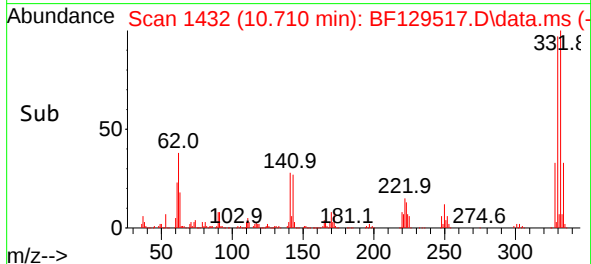
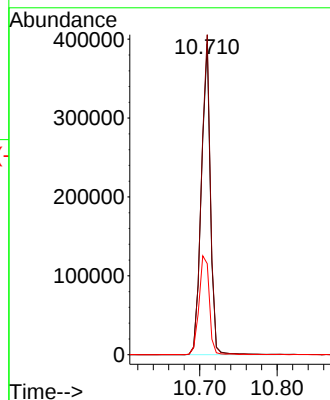
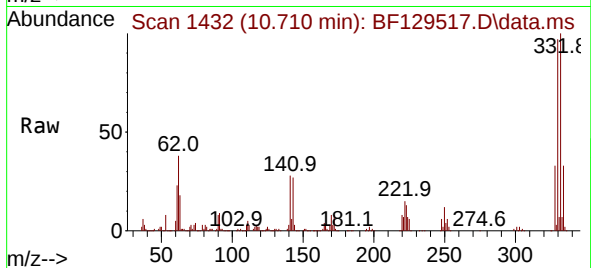
Tgt Ion:330 Resp: 319642

Ion Ratio Lower Upper

330 100

332 102.1 76.8 115.2

141 36.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 84.844 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129517.D

Acq: 02 Aug 2022 20:31

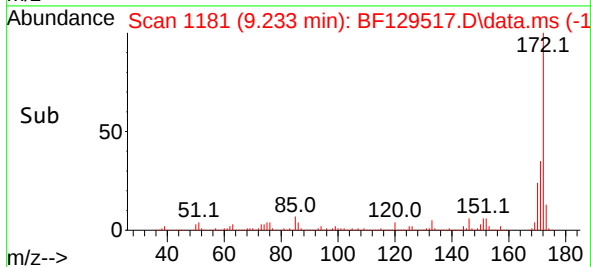
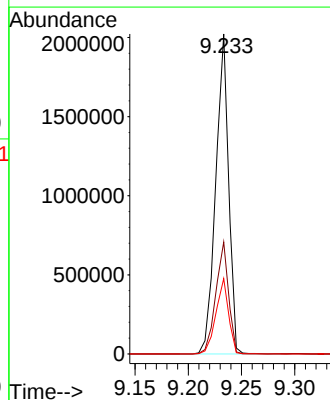
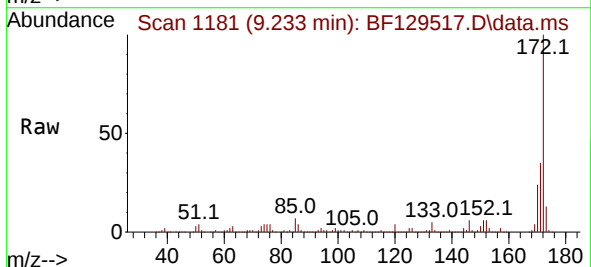
Tgt Ion:172 Resp: 1696332

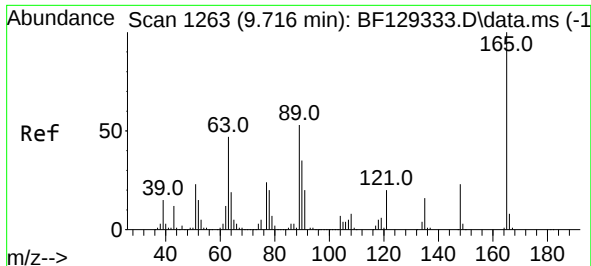
Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.5 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.443 ng

RT: 9.916 min Scan# 1297

Delta R.T. 0.212 min

Lab File: BF129517.D

Acq: 02 Aug 2022 20:31

Instrument :

BNA_F

ClientSampleId :

RVE-91

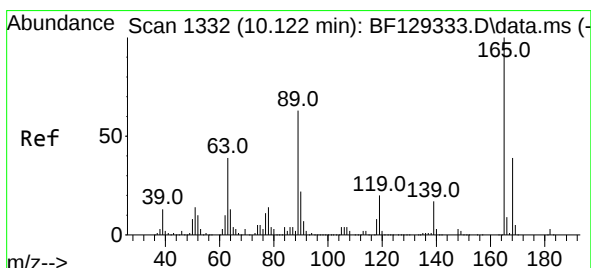
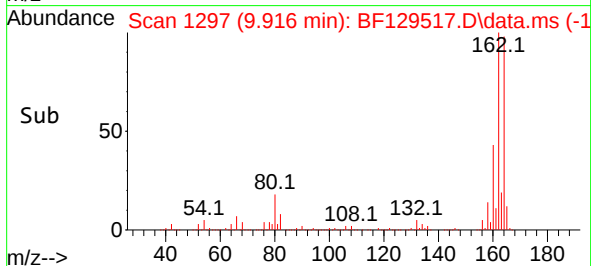
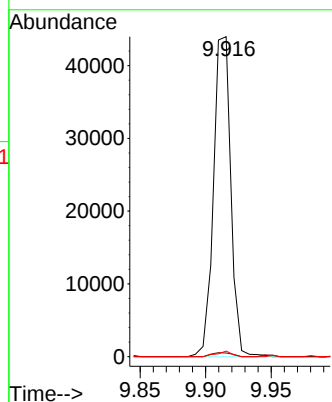
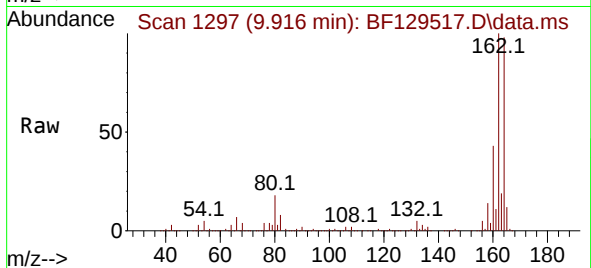
Tgt Ion:165 Resp: 40350

Ion Ratio Lower Upper

165 100

63 1.1 44.9 67.3#

89 1.7 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.463 ng

RT: 9.916 min Scan# 1297

Delta R.T. -0.194 min

Lab File: BF129517.D

Acq: 02 Aug 2022 20:31

Tgt Ion:165 Resp: 40350

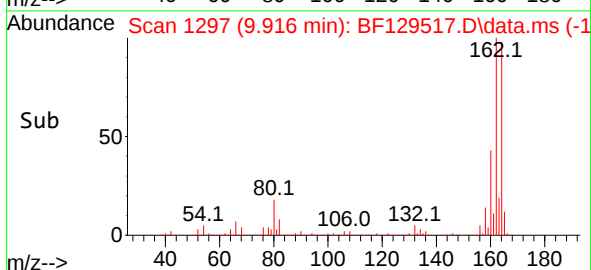
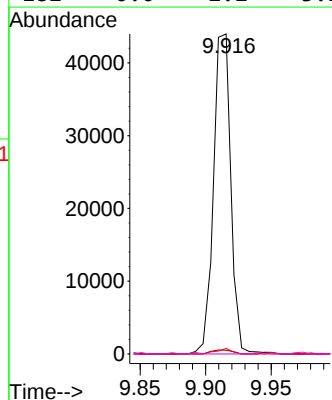
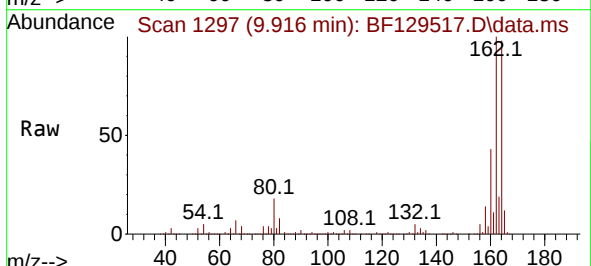
Ion Ratio Lower Upper

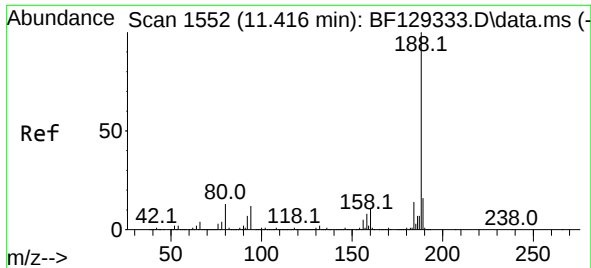
165 100

63 1.1 39.8 59.6#

89 1.7 60.2 90.2#

182 0.0 2.2 3.2#

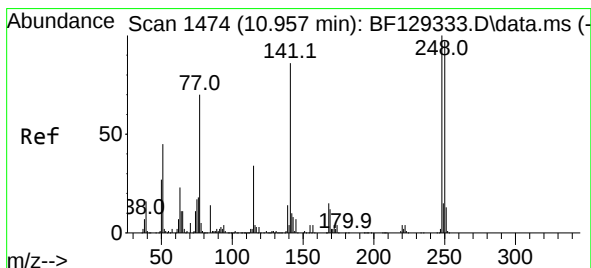
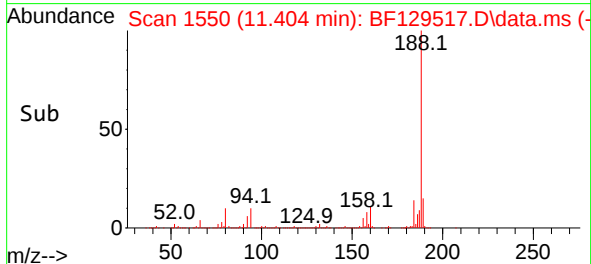
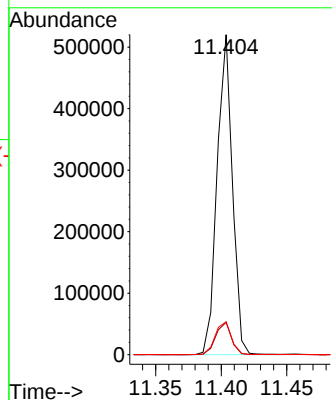
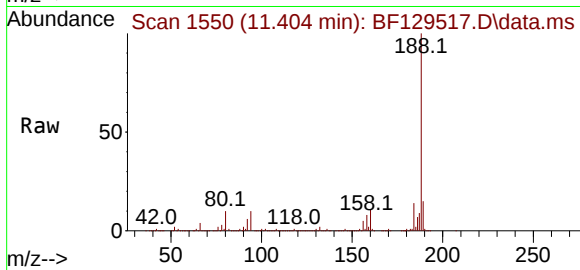




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF129517.D
Acq: 02 Aug 2022 20:31

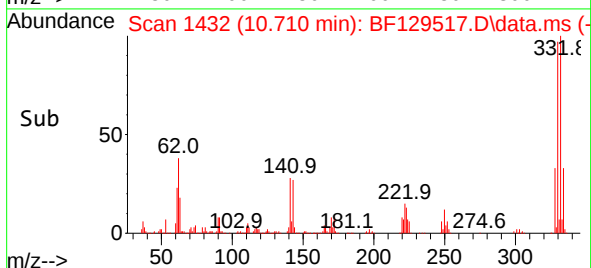
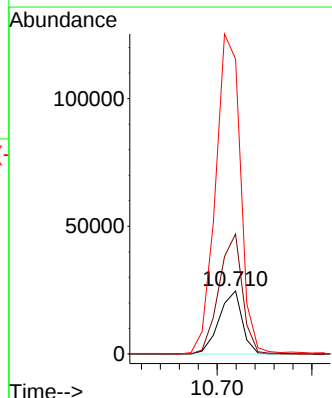
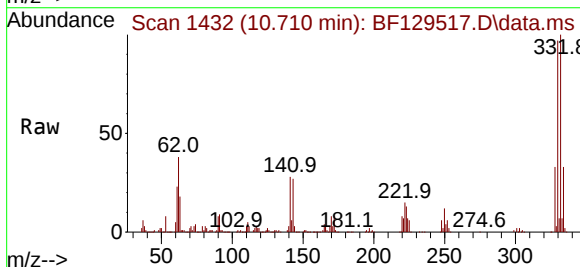
Instrument :
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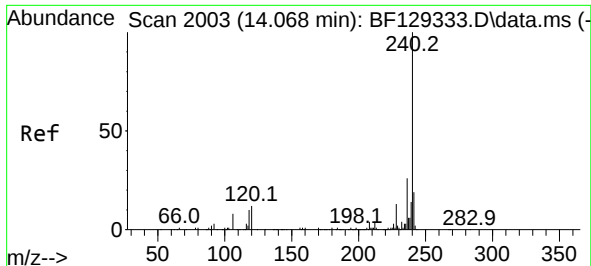
Tgt Ion:188 Resp: 421944
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.3 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.498 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.235 min
Lab File: BF129517.D
Acq: 02 Aug 2022 20:31

Tgt Ion:248 Resp: 20782
Ion Ratio Lower Upper
248 100
250 190.4 80.6 120.8#
141 467.8 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 1819

Delta R.T. -0.006 min

Lab File: BF129517.D

Acq: 02 Aug 2022 20:31

Instrument :

BNA_F

ClientSampleId :

RVE-91

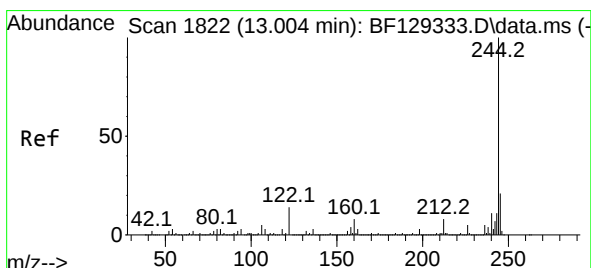
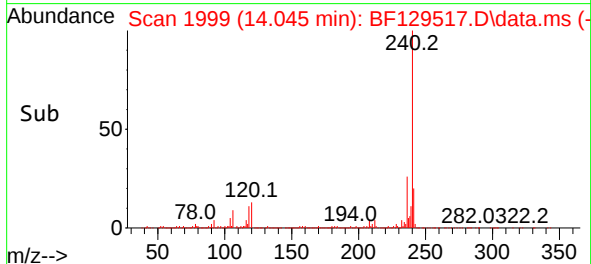
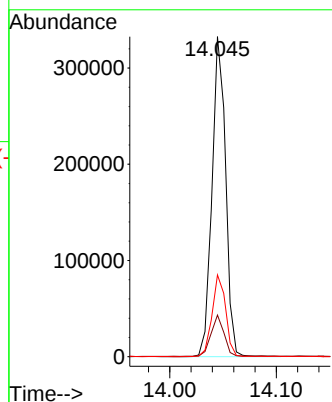
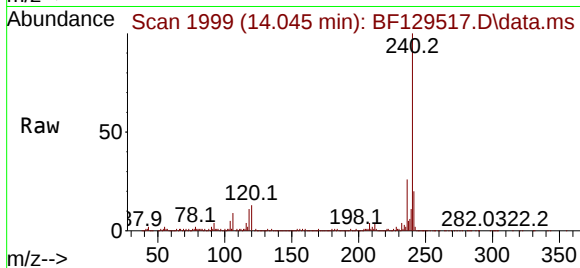
Tgt Ion:240 Resp: 295284

Ion Ratio Lower Upper

240 100

120 13.0 8.9 13.3

236 25.6 20.8 31.2



#79

Terphenyl-d14

Concen: 77.979 ng

RT: 12.986 min Scan# 1819

Delta R.T. -0.000 min

Lab File: BF129517.D

Acq: 02 Aug 2022 20:31

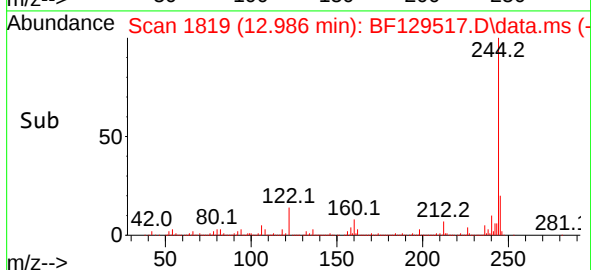
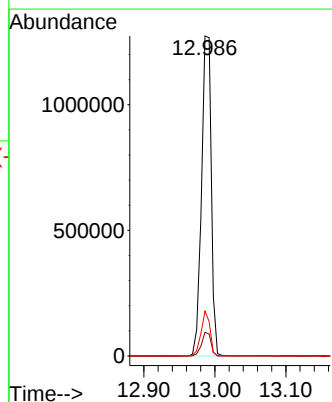
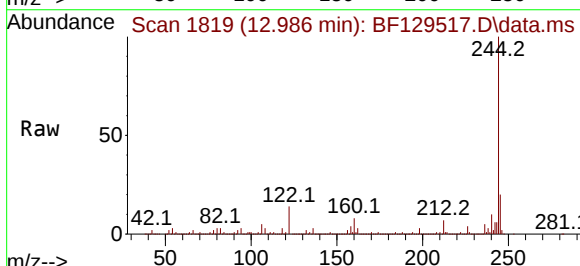
Tgt Ion:244 Resp: 1220509

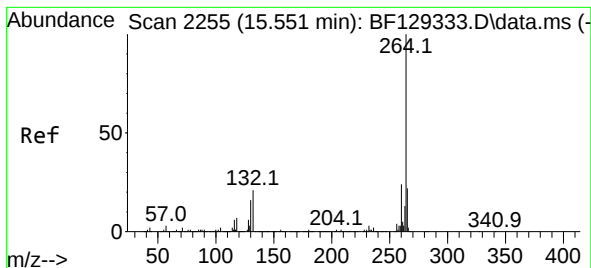
Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 14.0 8.8 13.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF129517.D

Acq: 02 Aug 2022 20:31

Instrument :

BNA_F

ClientSampleId :

RVE-91

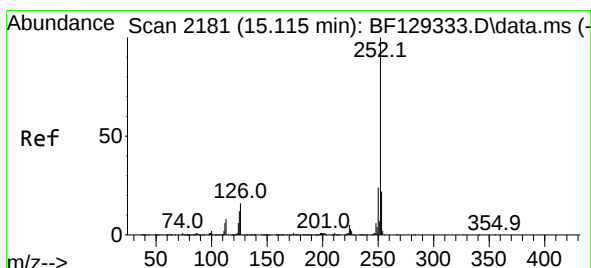
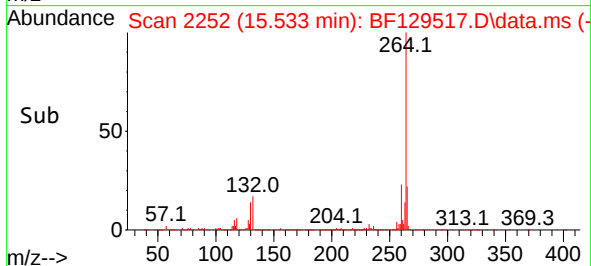
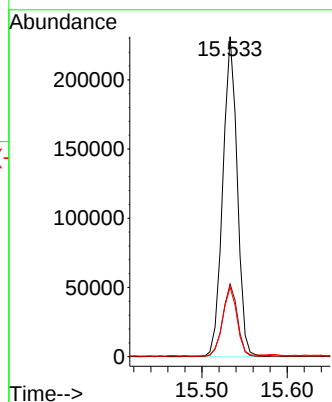
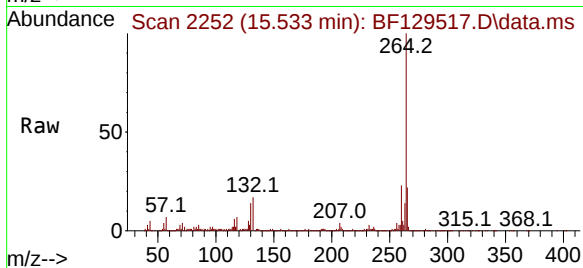
Tgt Ion:264 Resp: 272432

Ion Ratio Lower Upper

264 100

260 22.7 18.4 27.6

265 21.7 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 2.025 ng

RT: 15.098 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF129517.D

Acq: 02 Aug 2022 20:31

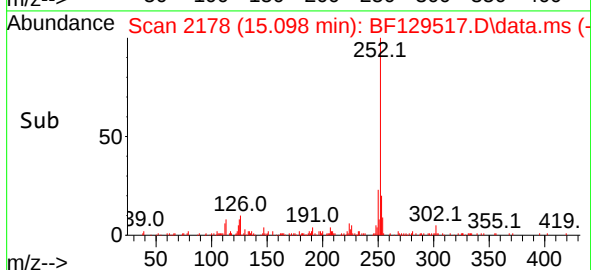
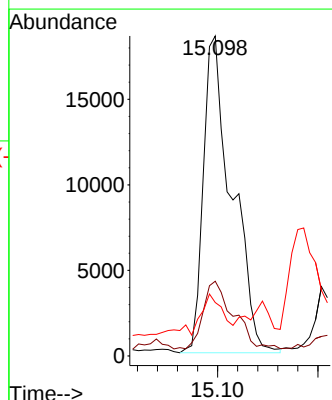
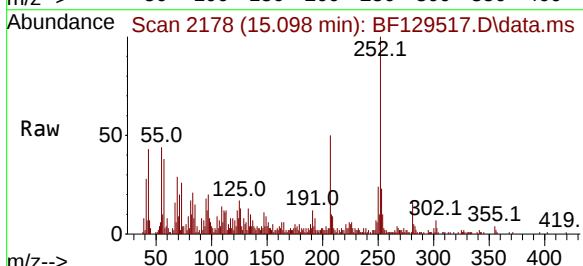
Tgt Ion:252 Resp: 36586

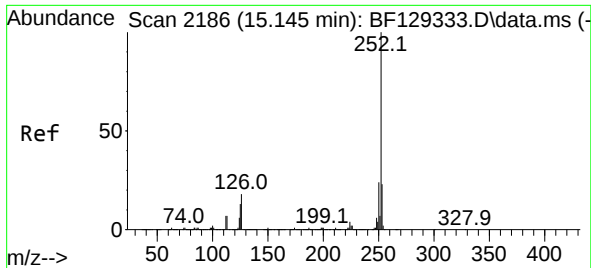
Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

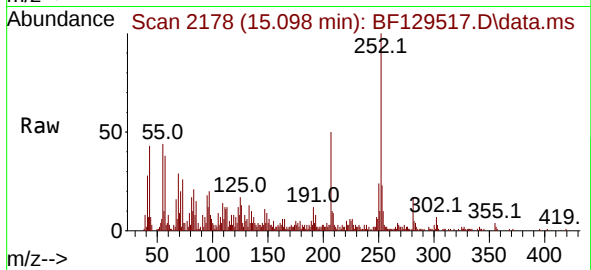
125 16.7 8.0 12.0#





#89
Benzo(k)fluoranthene
Concen: 2.066 ng
RT: 15.098 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF129517.D
Acq: 02 Aug 2022 20:31

Instrument :
BNA_F
ClientSampleId :
RVE-91



Tgt Ion:252 Resp: 36586
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 16.7 8.3 12.5#

