

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129582.D
 Acq On : 04 Aug 2022 22:04
 Operator : CG\JU
 Sample : N3930-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-102

Quant Time: Aug 05 02:10:16 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 02:05:37 2022
 Response via : Initial Calibration

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

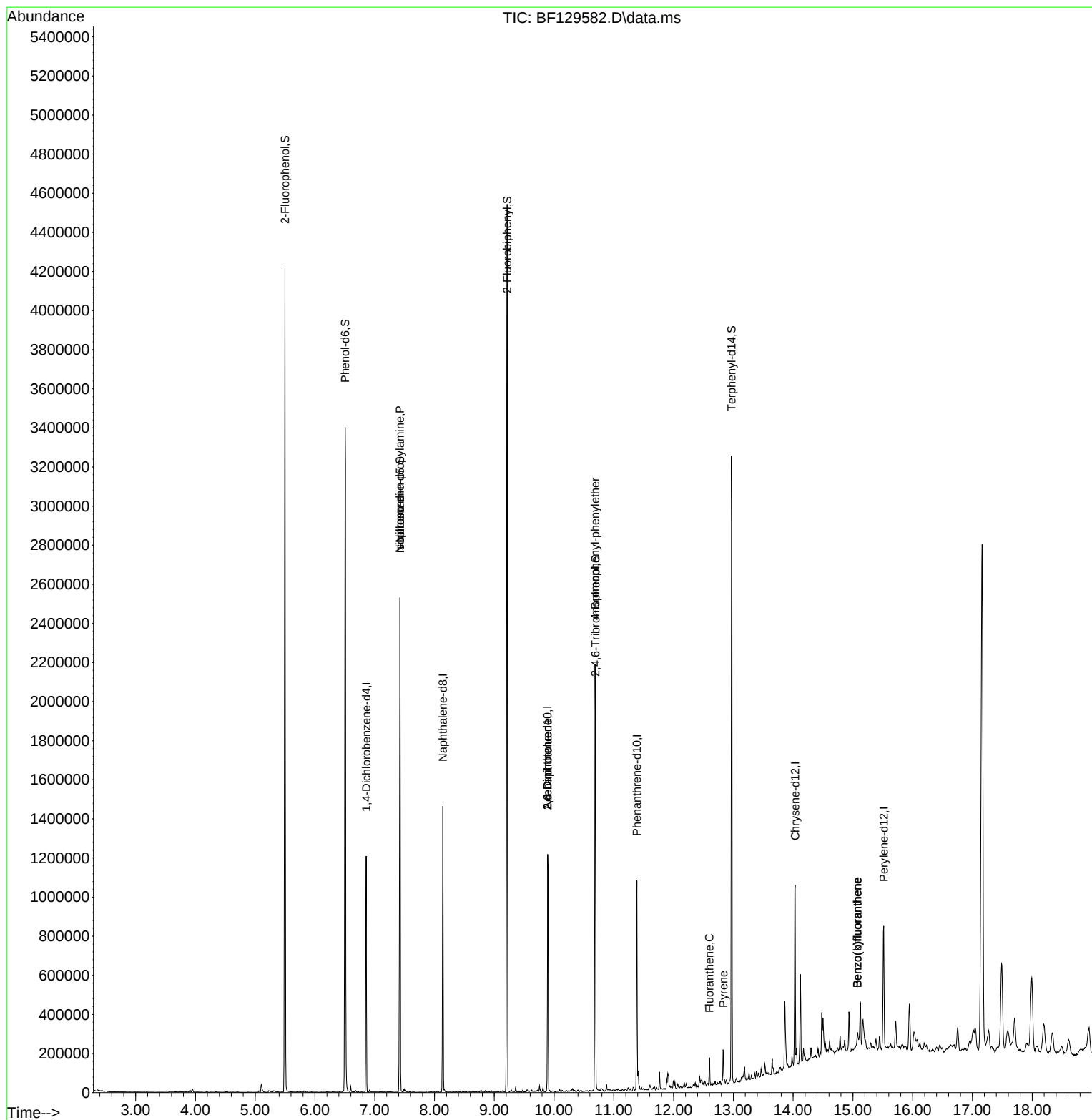
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	159234	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	578876	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	252254	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	364931	20.000	ng	0.00
76) Chrysene-d12	14.033	240	311597	20.000	ng	0.00
86) Perylene-d12	15.515	264	273520	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1065834	109.037	ng	0.00
7) Phenol-d6	6.504	99	1292921	105.231	ng	-0.01
23) Nitrobenzene-d5	7.422	82	797993	75.252	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	245510	101.231	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1304491	79.998	ng	0.00
79) Terphenyl-d14	12.969	244	1095439	66.324	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	107118	14.401	ng	# 73
25) Isophorone	7.422	82	794098	41.776	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	32554	8.352	ng	# 25
57) 2,4-Dinitrotoluene	9.892	165	32554	6.394	ng	# 21
67) 4-Bromophenyl-phenylether	10.686	248	15977	3.998	ng	# 1
75) Fluoranthene	12.598	202	49268	2.441	ng	97
78) Pyrene	12.833	202	62461	2.397	ng	99
88) Benzo(b)fluoranthene	15.074	252	44381	2.446	ng	# 94
89) Benzo(k)fluoranthene	15.074	252	44381	2.496	ng	# 94

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

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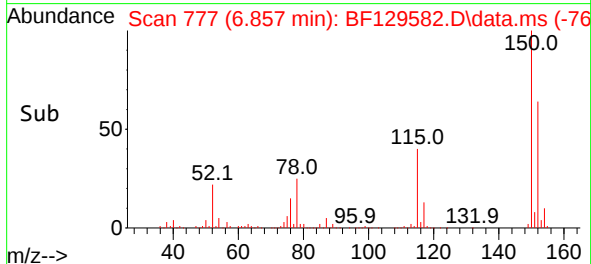
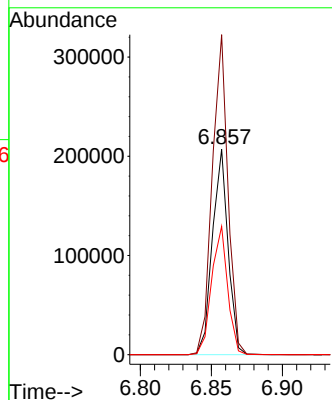
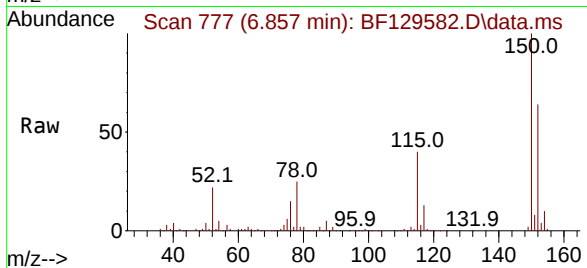




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129582.D
Acq: 04 Aug 2022 22:04

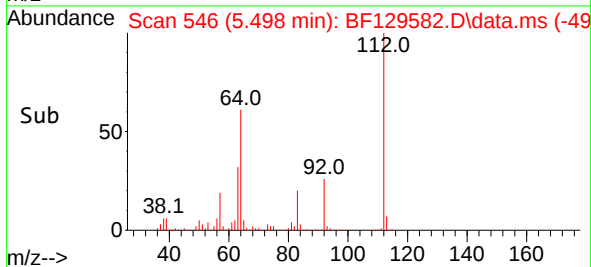
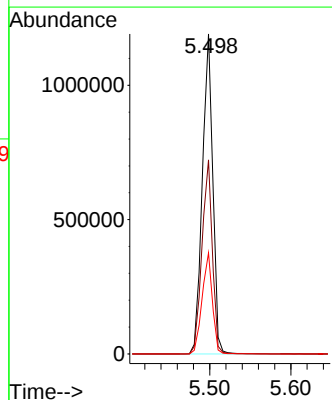
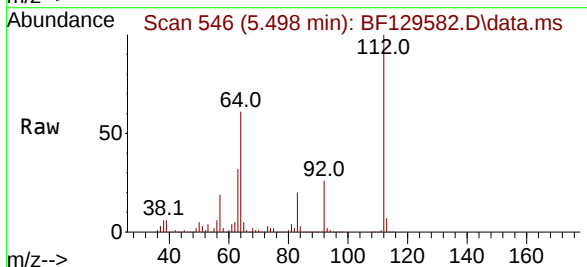
Instrument :
BNA_F
ClientSampleId :
RVE-102

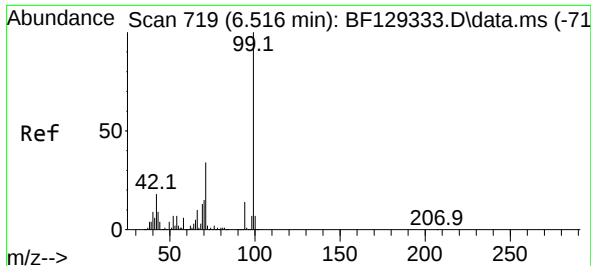
Tgt Ion:152 Resp: 159234
Ion Ratio Lower Upper
152 100
150 155.8 123.7 185.5
115 62.5 49.9 74.9



#5
2-Fluorophenol
Concen: 109.037 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF129582.D
Acq: 04 Aug 2022 22:04

Tgt Ion:112 Resp: 1065834
Ion Ratio Lower Upper
112 100
64 60.7 53.3 79.9
63 31.6 28.0 42.0

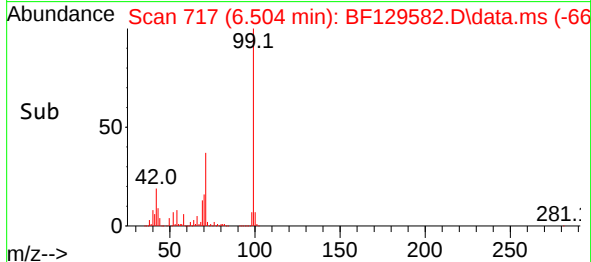
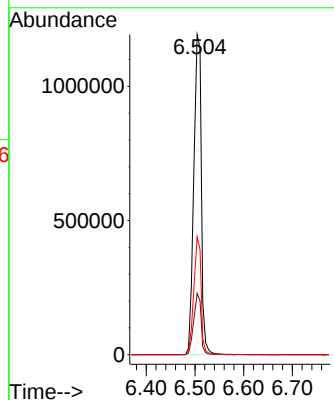
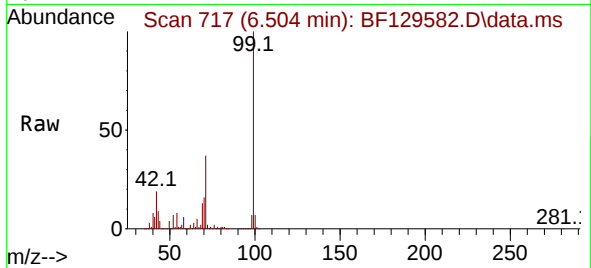




#7
Phenol-d6
Concen: 105.231 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129582.D
Acq: 04 Aug 2022 22:04

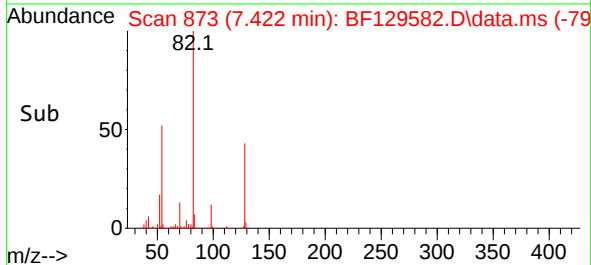
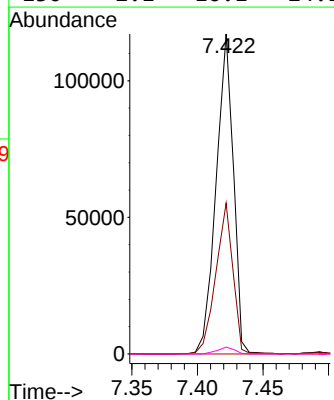
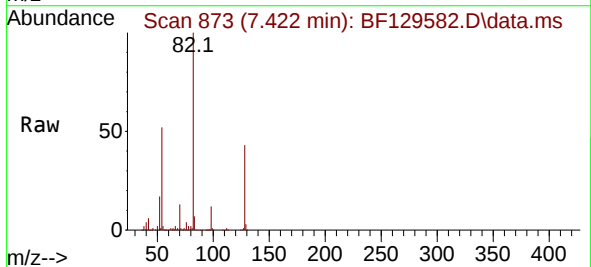
Instrument :
BNA_F
ClientSampleId :
RVE-102

Tgt Ion: 99 Resp: 1292921
Ion Ratio Lower Upper
99 100
42 19.1 17.3 25.9
71 36.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.401 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.141 min
Lab File: BF129582.D
Acq: 04 Aug 2022 22:04

Tgt Ion: 70 Resp: 107118
Ion Ratio Lower Upper
70 100
42 47.1 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

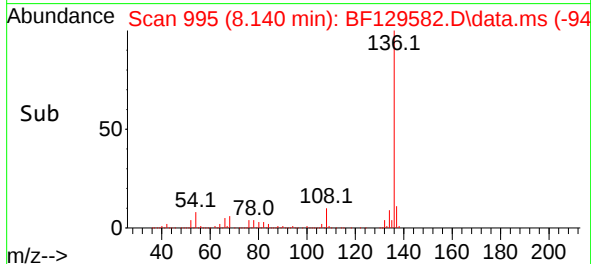
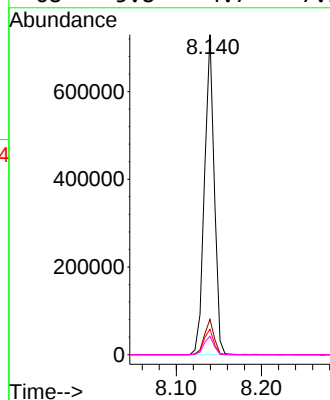
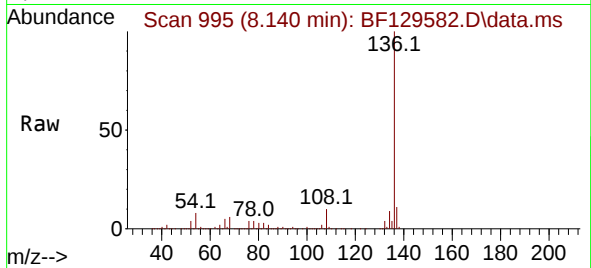




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129582.D
Acq: 04 Aug 2022 22:04

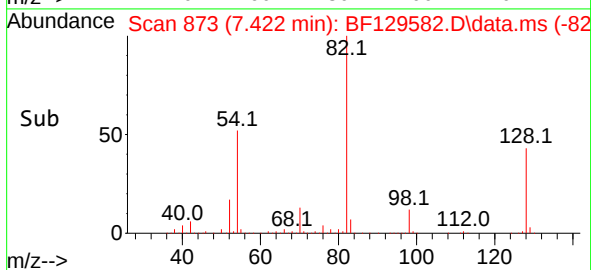
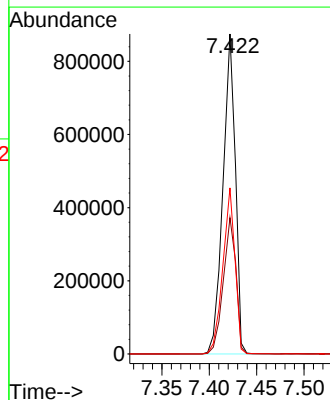
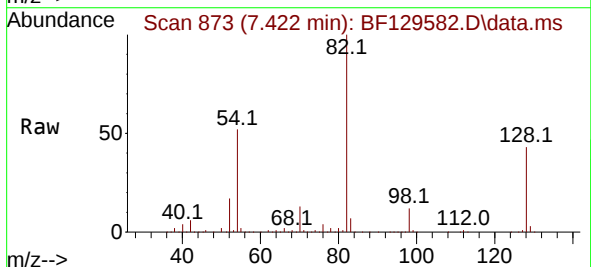
Instrument :
BNA_F
ClientSampleId :
RVE-102

Tgt Ion:136 Resp: 578876
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.9 7.5 11.3
68 5.8 4.7 7.1



#23
Nitrobenzene-d5
Concen: 75.252 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF129582.D
Acq: 04 Aug 2022 22:04

Tgt Ion: 82 Resp: 797993
Ion Ratio Lower Upper
82 100
128 42.6 34.0 51.0
54 51.9 46.9 70.3

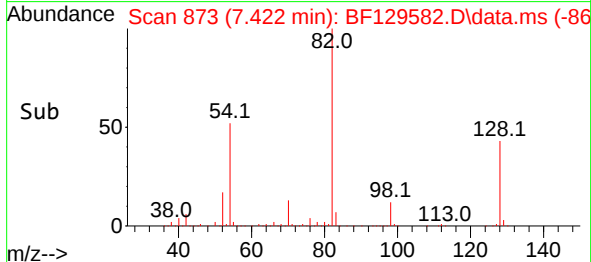
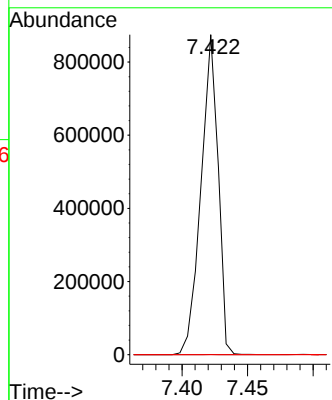
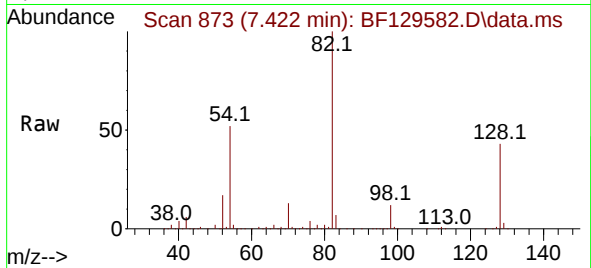




#25
Isophorone
Concen: 41.776 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129582.D
Acq: 04 Aug 2022 22:04

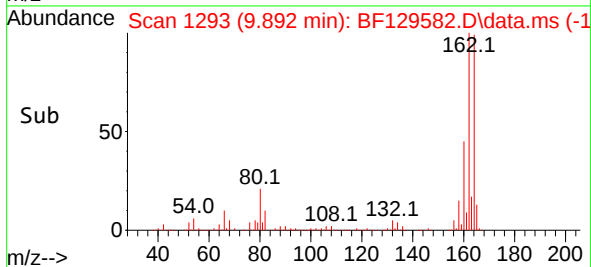
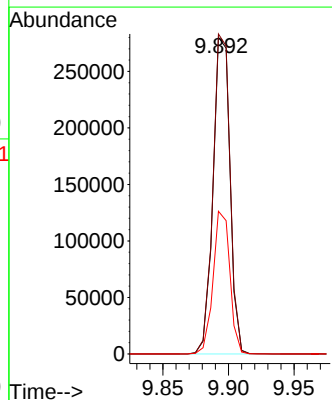
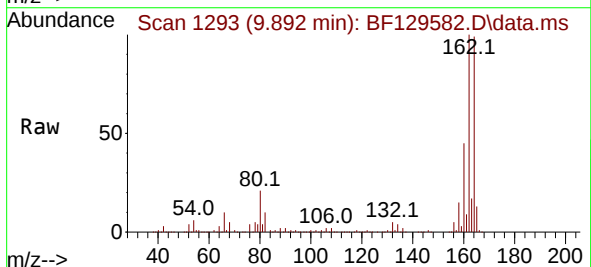
Instrument :
BNA_F
ClientSampleId :
RVE-102

Tgt Ion: 82 Resp: 794098
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: 9.892 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF129582.D
Acq: 04 Aug 2022 22:04

Tgt Ion:164 Resp: 252254
Ion Ratio Lower Upper
164 100
162 101.0 79.5 119.3
160 45.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 101.231 ng

RT: 10.692 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129582.D

Acq: 04 Aug 2022 22:04

Instrument :

BNA_F

ClientSampleId :

RVE-102

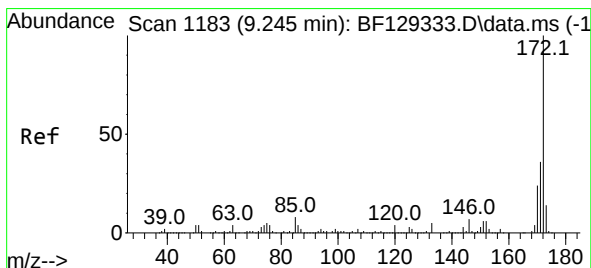
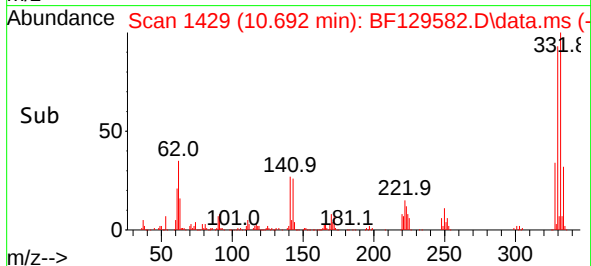
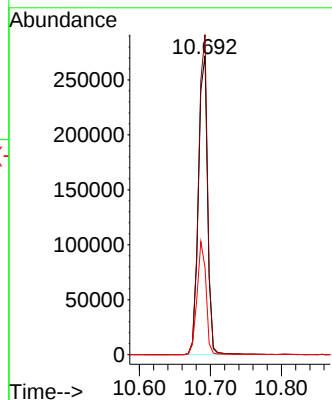
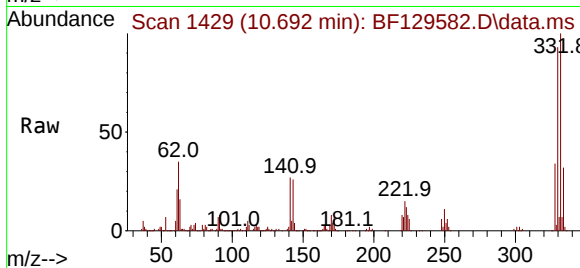
Tgt Ion:330 Resp: 245510

Ion Ratio Lower Upper

330 100

332 104.9 76.8 115.2

141 37.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 79.998 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF129582.D

Acq: 04 Aug 2022 22:04

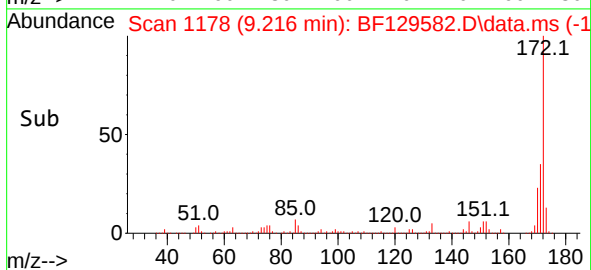
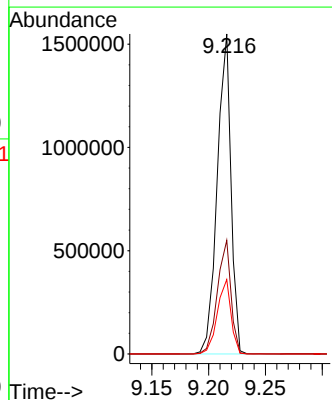
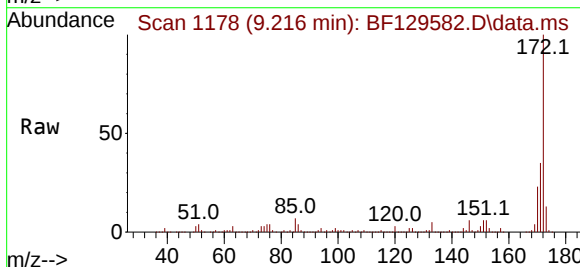
Tgt Ion:172 Resp: 1304491

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.3 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.352 ng

RT: 9.892 min Scan# 1293

Delta R.T. 0.200 min

Lab File: BF129582.D

Acq: 04 Aug 2022 22:04

Instrument :

BNA_F

ClientSampleId :

RVE-102

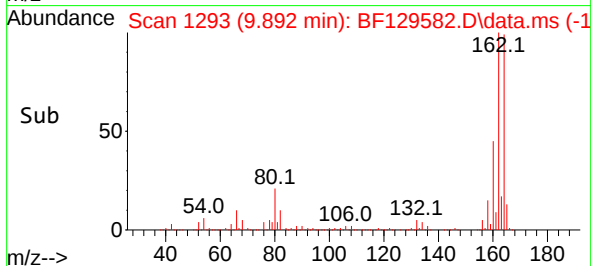
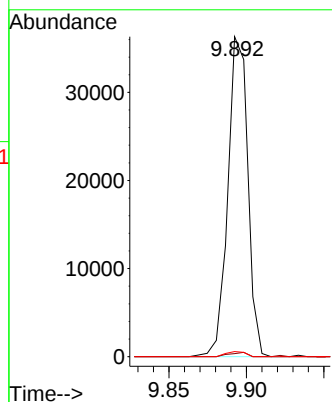
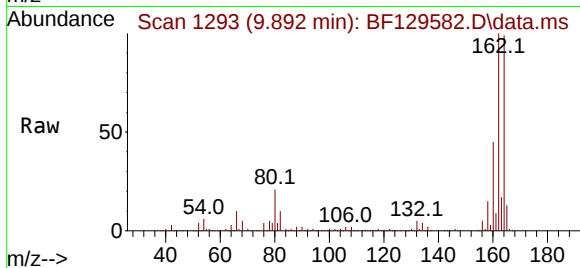
Tgt Ion:165 Resp: 32554

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.6 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.394 ng

RT: 9.892 min Scan# 1293

Delta R.T. -0.206 min

Lab File: BF129582.D

Acq: 04 Aug 2022 22:04

Tgt Ion:165 Resp: 32554

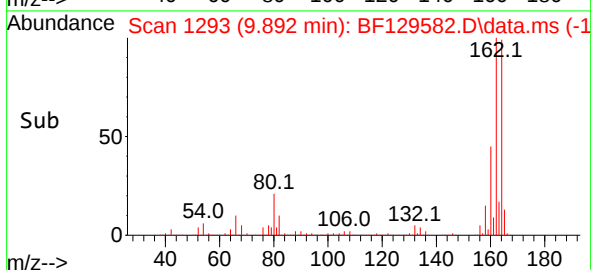
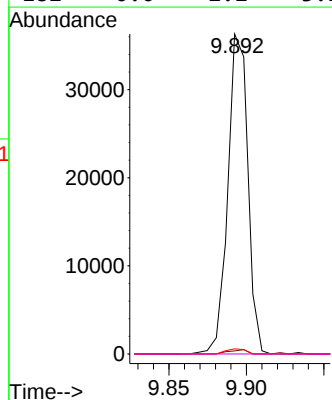
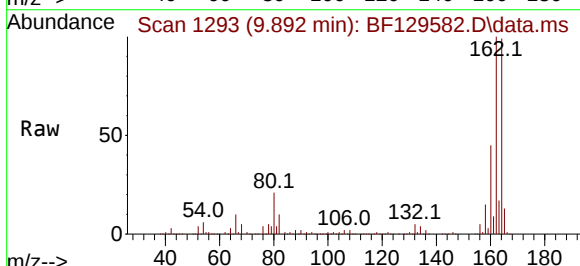
Ion Ratio Lower Upper

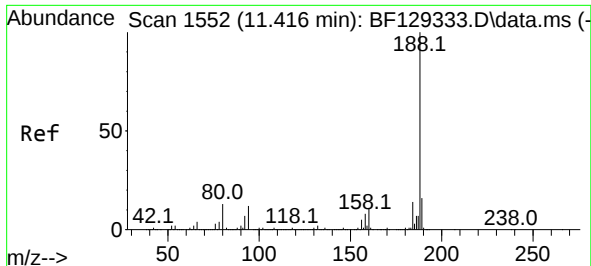
165 100

63 1.0 39.8 59.6#

89 1.6 60.2 90.2#

182 0.0 2.2 3.2#

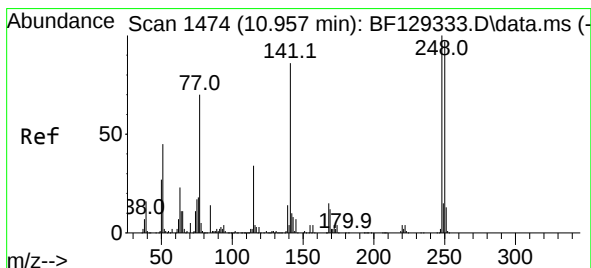
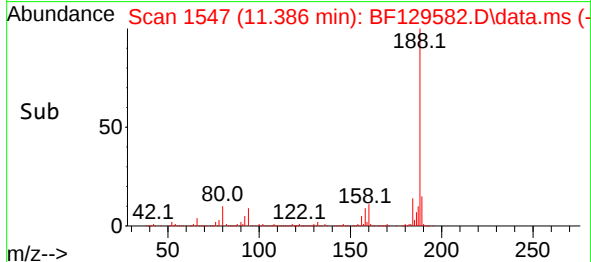
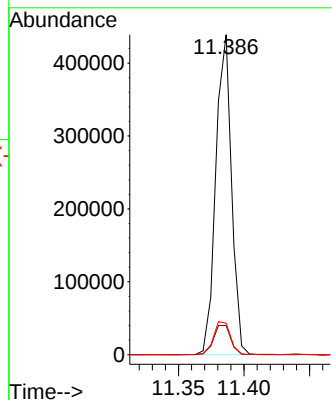
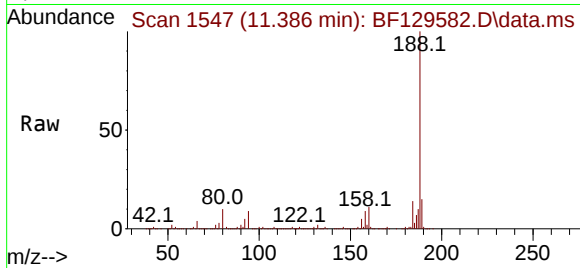




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129582.D
Acq: 04 Aug 2022 22:04

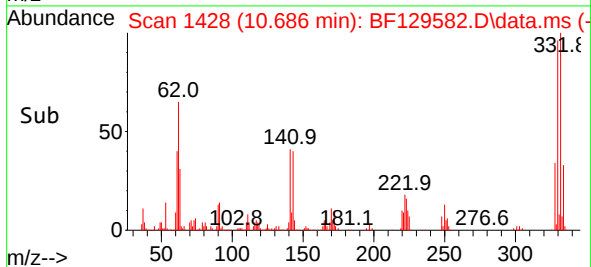
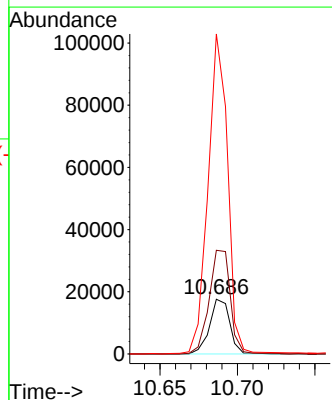
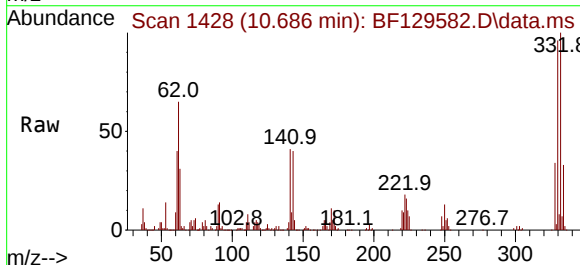
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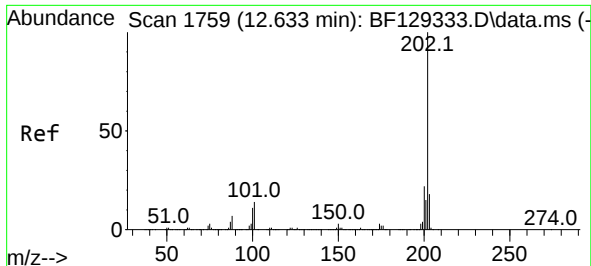
Tgt Ion:188 Resp: 364931
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 9.9 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.998 ng
RT: 10.686 min Scan# 1428
Delta R.T. -0.247 min
Lab File: BF129582.D
Acq: 04 Aug 2022 22:04

Tgt Ion:248 Resp: 15977
Ion Ratio Lower Upper
248 100
250 189.5 80.6 120.8#
141 584.8 58.9 88.3#

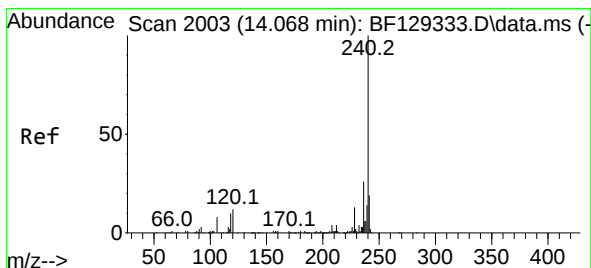
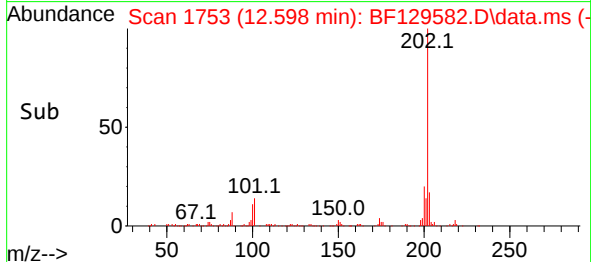
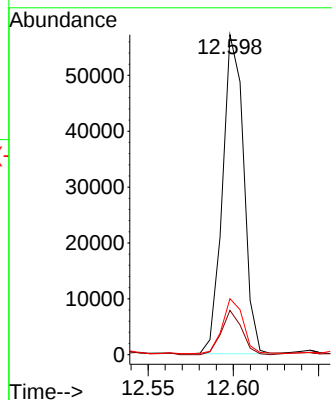
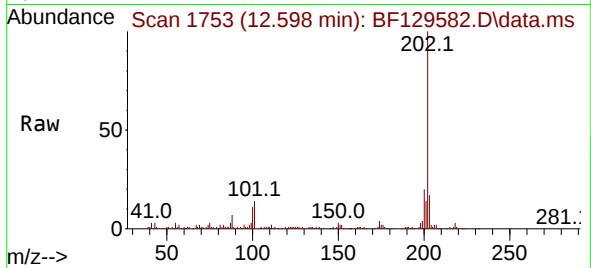




#75
Fluoranthene
Concen: 2.441 ng
RT: 12.598 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF129582.D
Acq: 04 Aug 2022 22:04

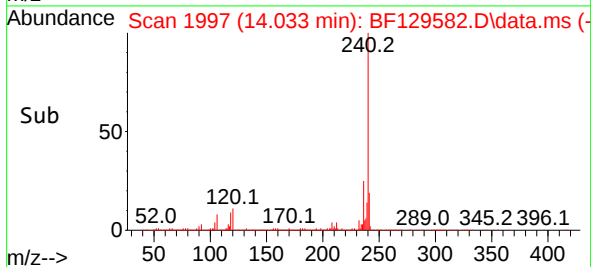
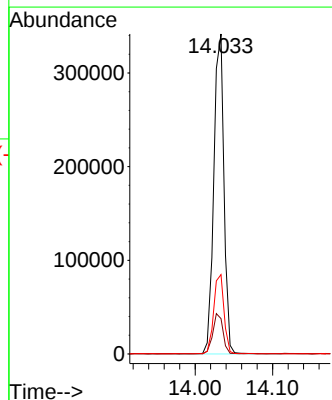
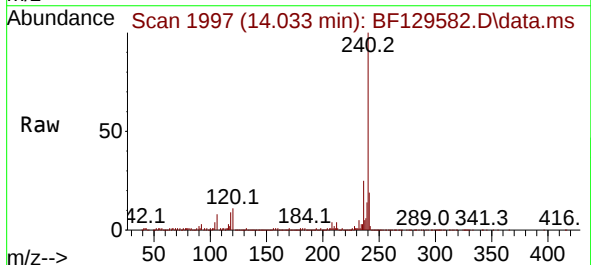
Instrument :
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RVE-102

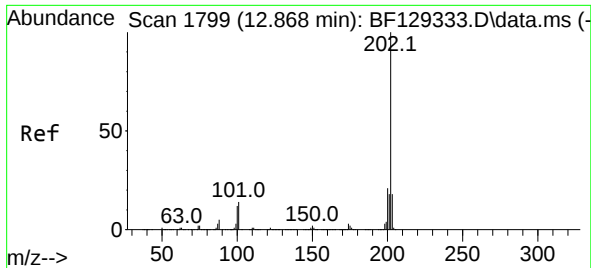
Tgt Ion:202 Resp: 49268
Ion Ratio Lower Upper
202 100
101 13.8 0.0 31.4
203 17.5 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129582.D
Acq: 04 Aug 2022 22:04

Tgt Ion:240 Resp: 311597
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 24.8 20.8 31.2

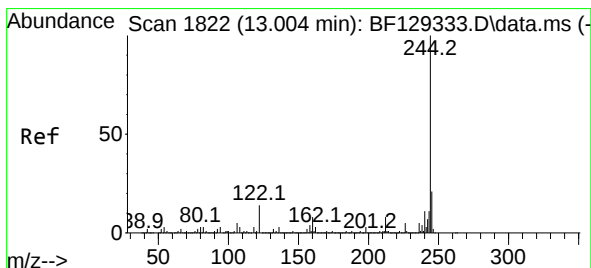
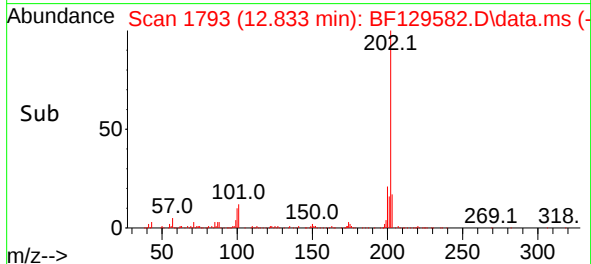
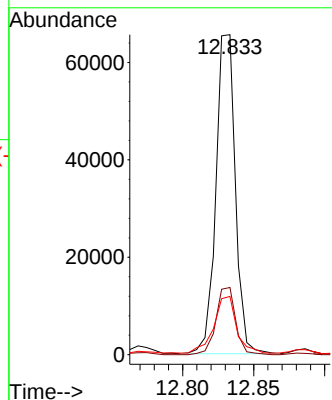
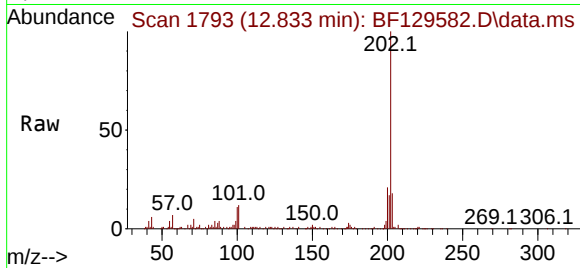




#78
Pyrene
Concen: 2.397 ng
RT: 12.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129582.D
Acq: 04 Aug 2022 22:04

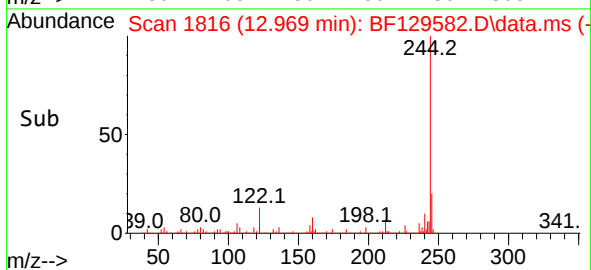
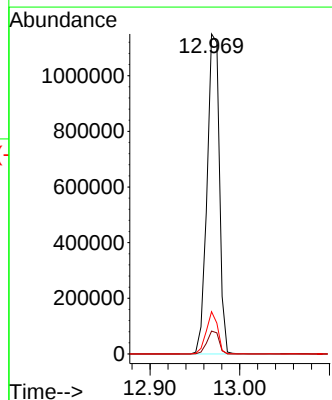
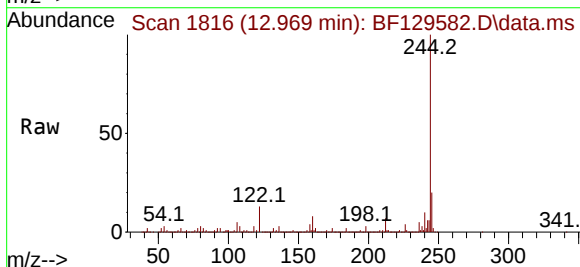
Instrument :
BNA_F
ClientSampleId :
RVE-102

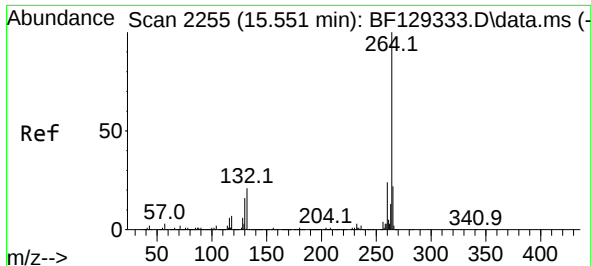
Tgt Ion:202 Resp: 62461
Ion Ratio Lower Upper
202 100
200 21.0 17.7 26.5
203 18.2 14.6 21.8



#79
Terphenyl-d14
Concen: 66.324 ng
RT: 12.969 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF129582.D
Acq: 04 Aug 2022 22:04

Tgt Ion:244 Resp: 1095439
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 13.2 8.8 13.2#

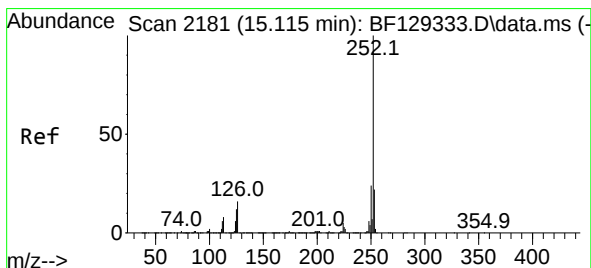
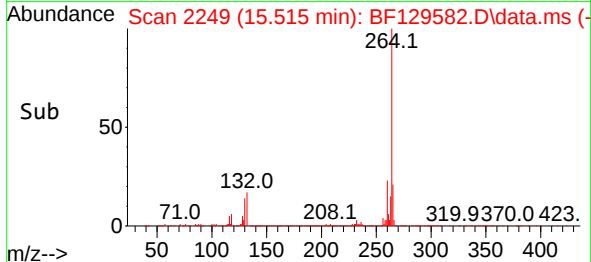
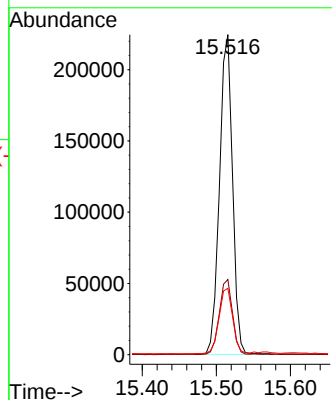
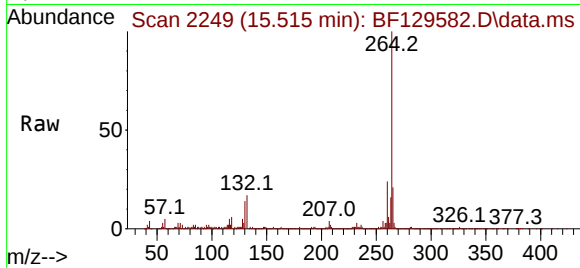




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BF129582.D
Acq: 04 Aug 2022 22:04

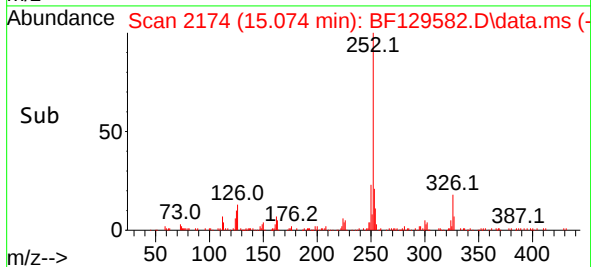
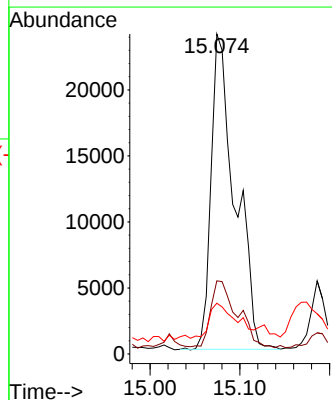
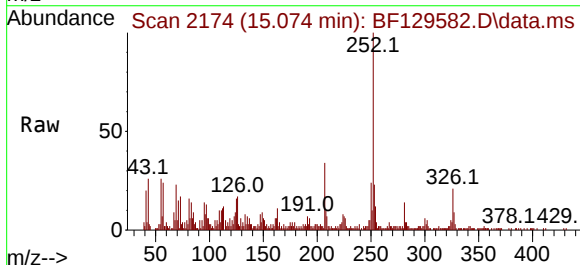
Instrument :
BNA_F
ClientSampleId :
RVE-102

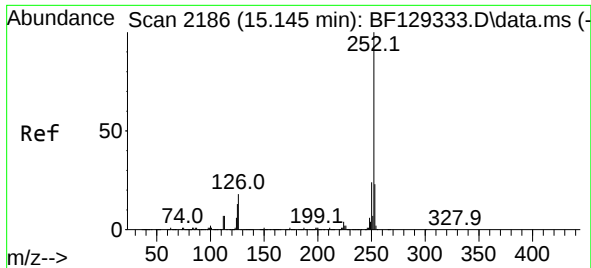
Tgt Ion:264 Resp: 273520
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 20.8 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 2.446 ng
RT: 15.074 min Scan# 2174
Delta R.T. -0.012 min
Lab File: BF129582.D
Acq: 04 Aug 2022 22:04

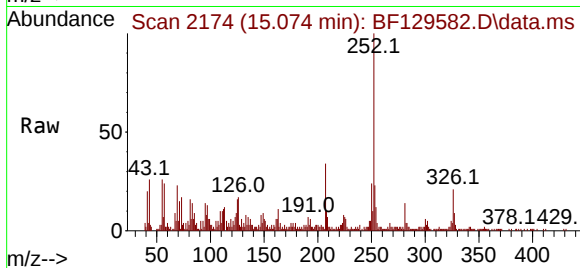
Tgt Ion:252 Resp: 44381
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 15.9 8.0 12.0#





#89
Benzo(k)fluoranthene
Concen: 2.496 ng
RT: 15.074 min Scan# 2186
Delta R.T. -0.041 min
Lab File: BF129582.D
Acq: 04 Aug 2022 22:04

Instrument :
BNA_F
ClientSampleId :
RVE-102



Tgt Ion:252 Resp: 44381
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 15.9 8.3 12.5#

