

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
 Data File : BF129438.D
 Acq On : 29 Jul 2022 12:57
 Operator : CG\JU
 Sample : N3896-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-74

Quant Time: Jul 29 18:20:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

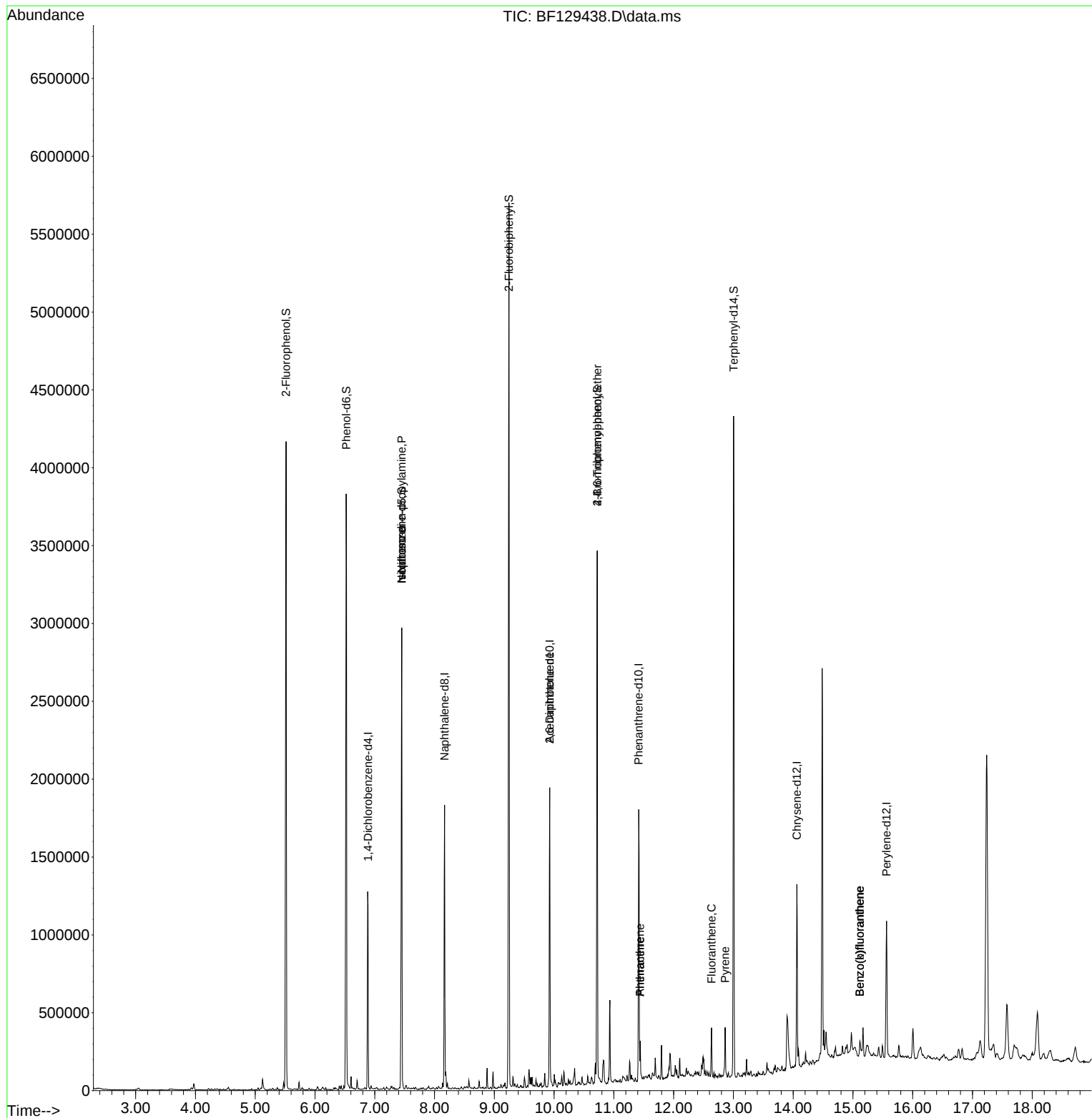
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	182984	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	733134	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	383254	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	604149	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	371245	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	376324	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1116537	99.399	ng	0.02
7) Phenol-d6	6.522	99	1425866	100.988	ng	0.00
23) Nitrobenzene-d5	7.451	82	925963	68.946	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	374704	101.692	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1663369	67.139	ng	0.00
79) Terphenyl-d14	13.004	244	1454291	73.904	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	123723	14.475	ng	# 72
25) Isophorone	7.451	82	921060	38.260	ng	# 65
51) 2,6-Dinitrotoluene	9.928	165	51459	8.690	ng	# 25
67) 4-Bromophenyl-phenylether	10.722	248	23840	3.604	ng	# 1
71) Phenanthrene	11.439	178	80741	2.448	ng	97
72) Anthracene	11.439	178	80741	2.491	ng	98
75) Fluoranthene	12.633	202	99181	2.968	ng	99
78) Pyrene	12.863	202	95688	3.082	ng	97
88) Benzo(b)fluoranthene	15.115	252	69862	2.799	ng	# 92
89) Benzo(k)fluoranthene	15.115	252	69862	2.856	ng	# 92

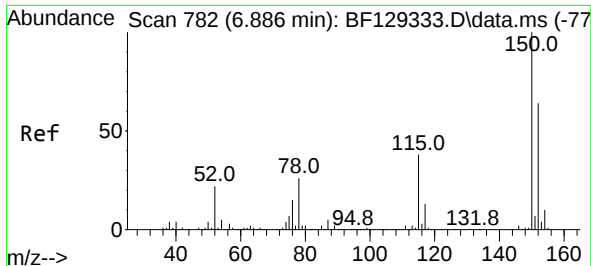
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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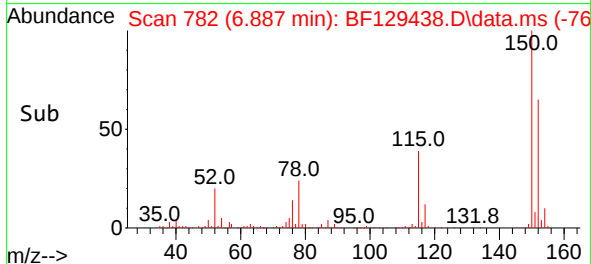
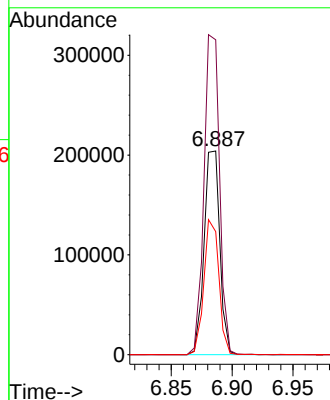
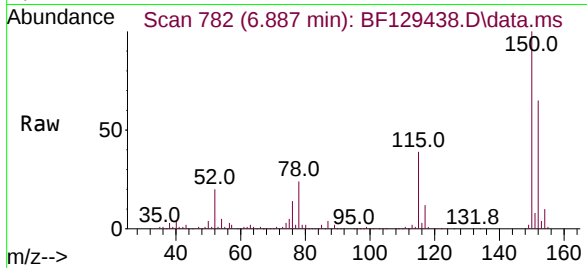




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF129438.D
 Acq: 29 Jul 2022 12:57

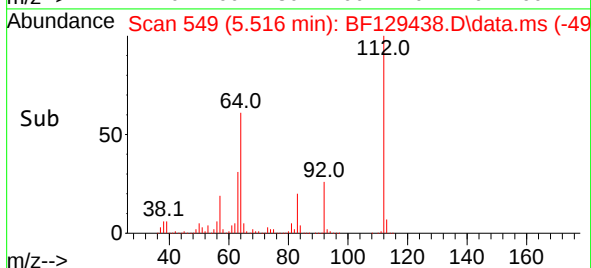
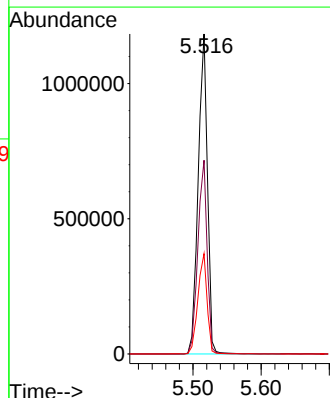
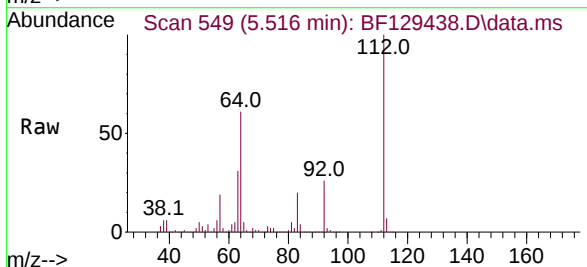
Instrument :
 BNA_F
 ClientSampleId :
 RVE-74

Tgt Ion:152 Resp: 182984
 Ion Ratio Lower Upper
 152 100
 150 154.5 123.7 185.5
 115 60.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 99.399 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.018 min
 Lab File: BF129438.D
 Acq: 29 Jul 2022 12:57

Tgt Ion:112 Resp: 1116537
 Ion Ratio Lower Upper
 112 100
 64 60.5 53.3 79.9
 63 31.4 28.0 42.0

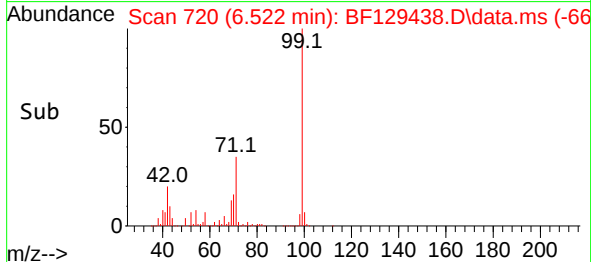
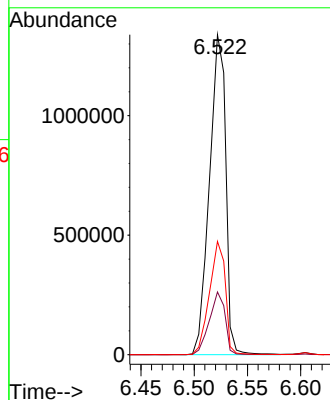
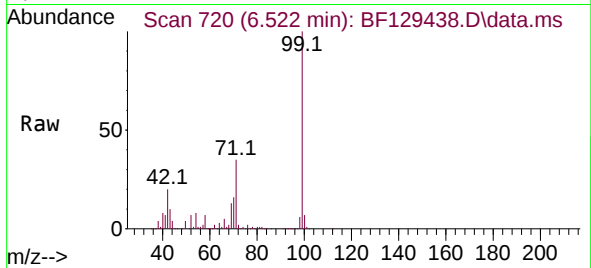




#7
Phenol-d6
Concen: 100.988 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129438.D
Acq: 29 Jul 2022 12:57

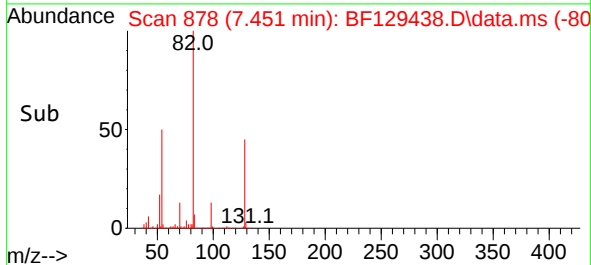
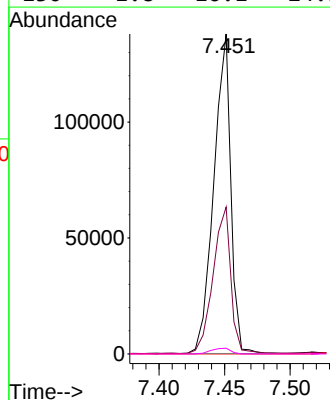
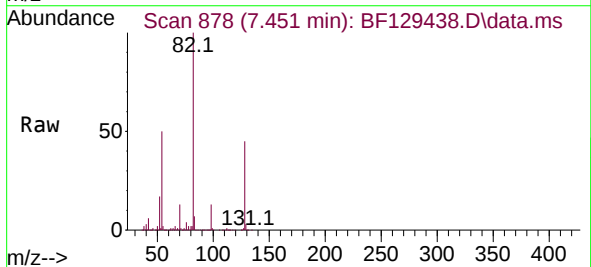
Instrument :
BNA_F
ClientSampleId :
RVE-74

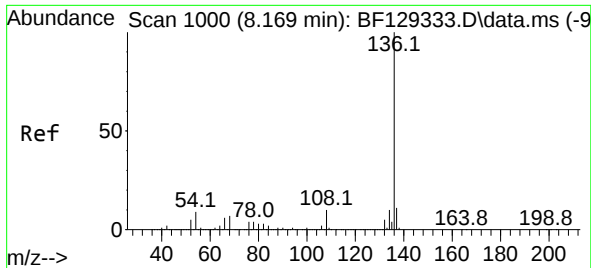
Tgt Ion: 99 Resp: 1425866
Ion Ratio Lower Upper
99 100
42 19.6 17.3 25.9
71 35.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.475 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129438.D
Acq: 29 Jul 2022 12:57

Tgt Ion: 70 Resp: 123723
Ion Ratio Lower Upper
70 100
42 45.9 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#



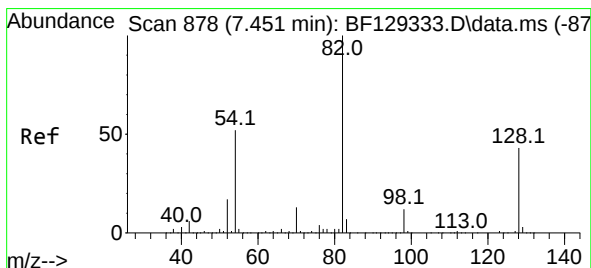
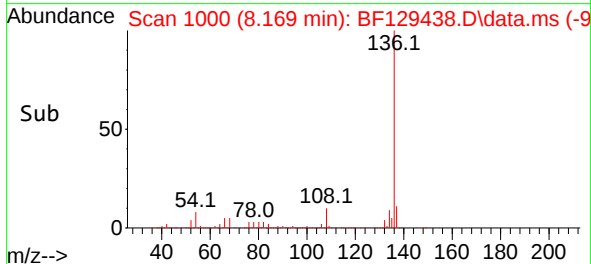
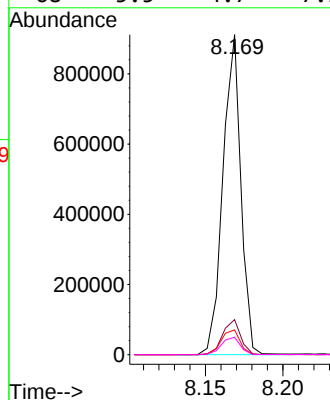
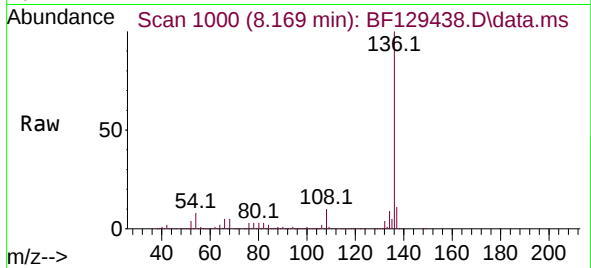


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF129438.D
Acq: 29 Jul 2022 12:57

Instrument :
BNA_F
ClientSampleId :
RVE-74

Tgt Ion:136 Resp: 733134

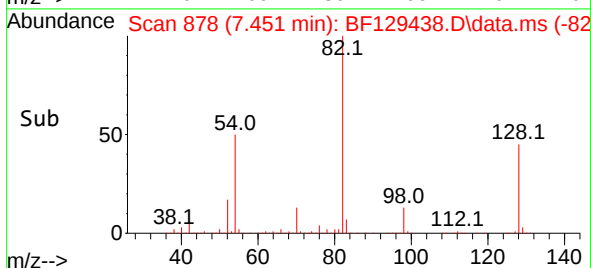
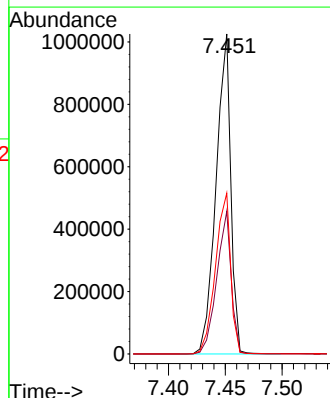
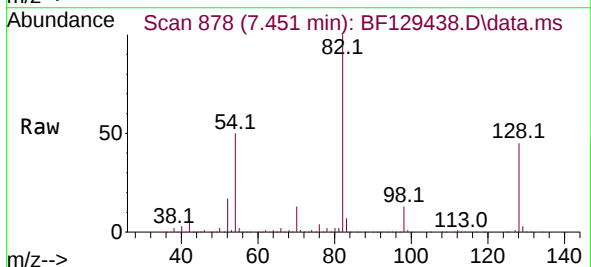
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.7	7.5	11.3
68	5.5	4.7	7.1



#23
Nitrobenzene-d5
Concen: 68.946 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129438.D
Acq: 29 Jul 2022 12:57

Tgt Ion: 82 Resp: 925963

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.0	51.0
54	50.2	46.9	70.3

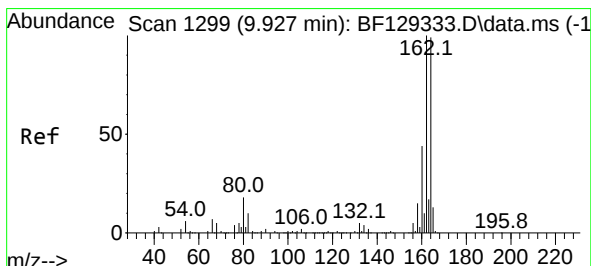
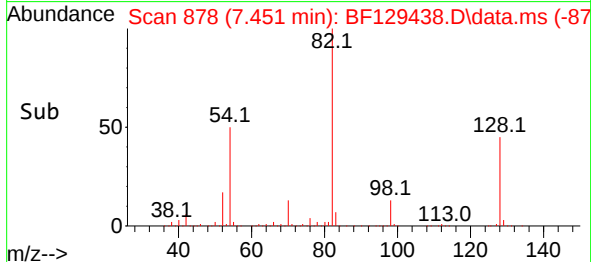
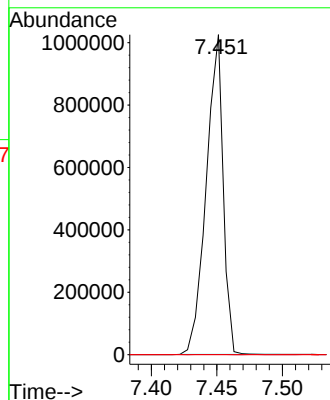
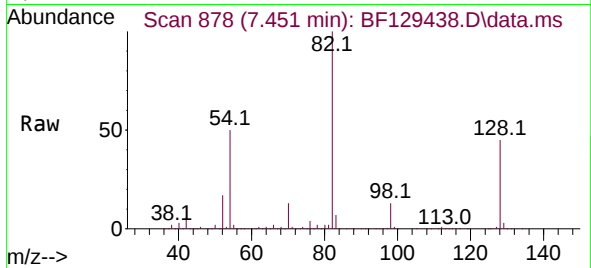




#25
Isophorone
Concen: 38.260 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129438.D
Acq: 29 Jul 2022 12:57

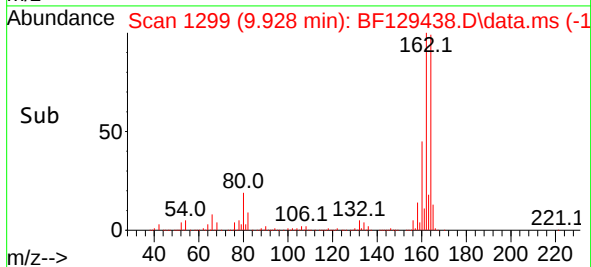
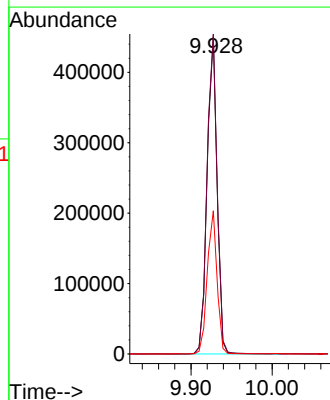
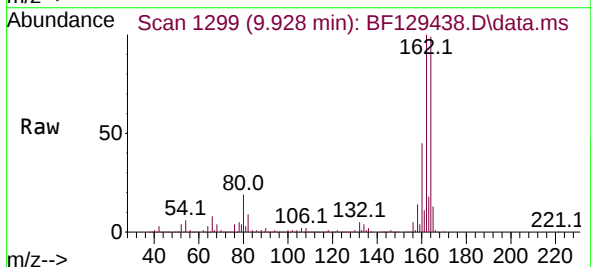
Instrument :
BNA_F
ClientSampleId :
RVE-74

Tgt Ion: 82 Resp: 921060
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: 9.928 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF129438.D
Acq: 29 Jul 2022 12:57

Tgt Ion:164 Resp: 383254
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 45.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 101.692 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129438.D

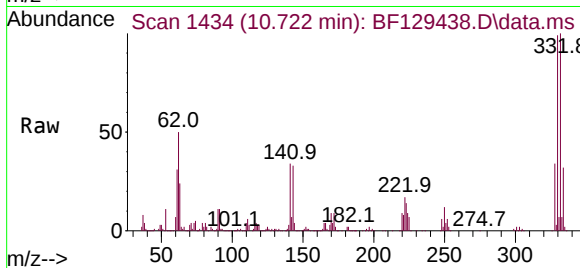
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Instrument :

BNA_F

ClientSampleId :

RVE-74



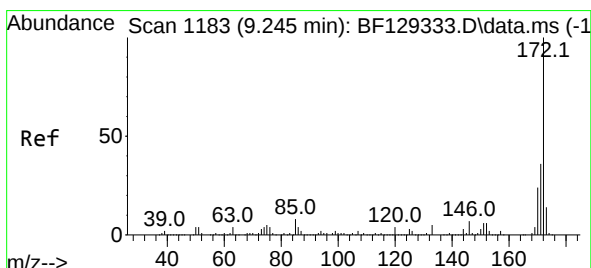
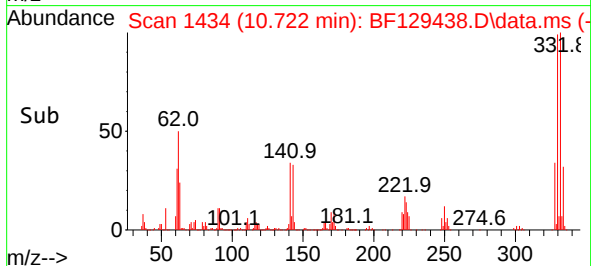
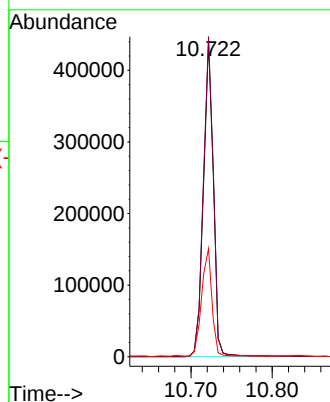
Tgt Ion:330 Resp: 374704

Ion Ratio Lower Upper

330 100

332 102.9 76.8 115.2

141 35.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 67.139 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129438.D

Acq: 29 Jul 2022 12:57

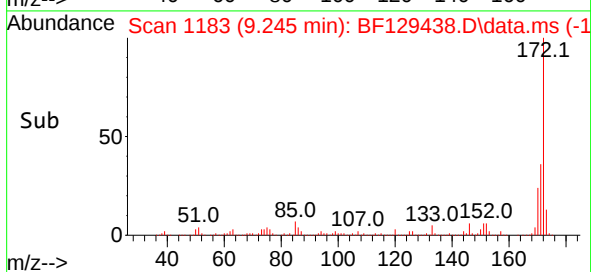
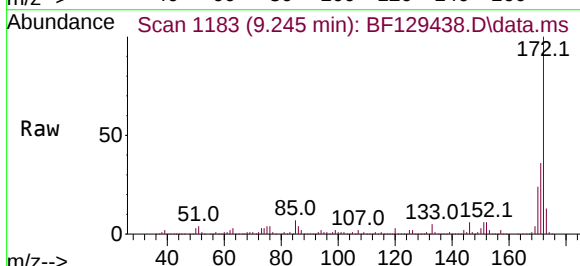
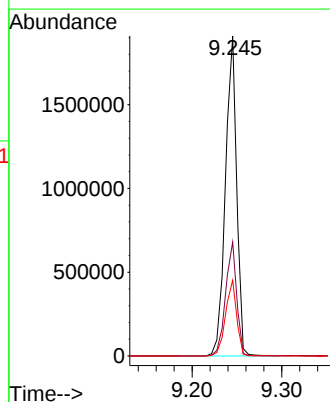
Tgt Ion:172 Resp: 1663369

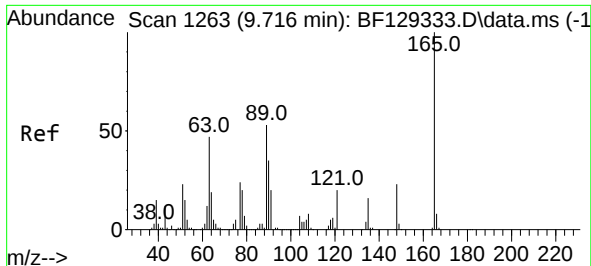
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.7 19.8 29.8

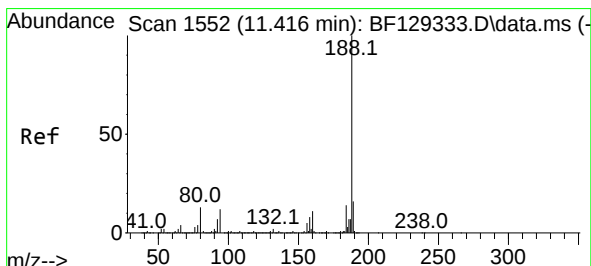
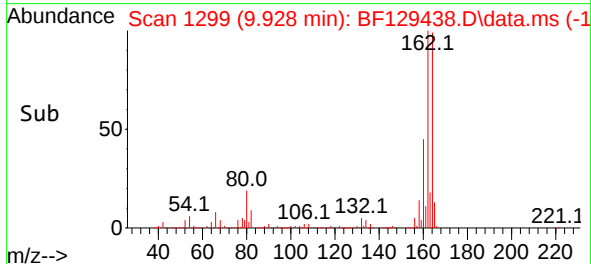
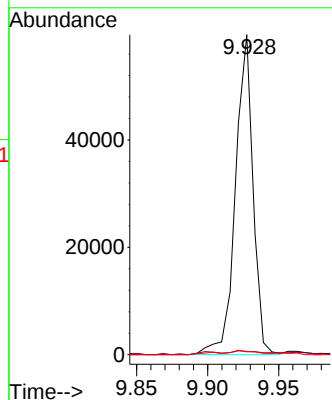
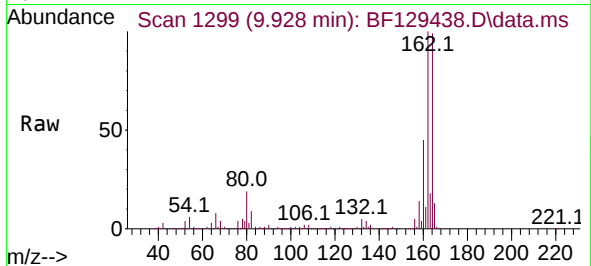




#51
2,6-Dinitrotoluene
Concen: 8.690 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129438.D
Acq: 29 Jul 2022 12:57

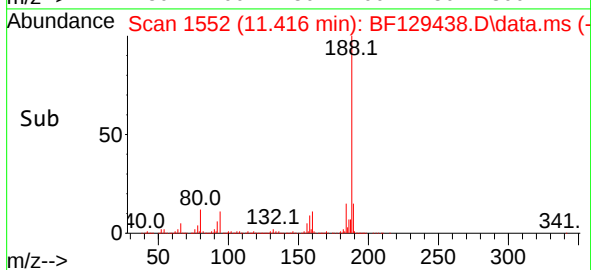
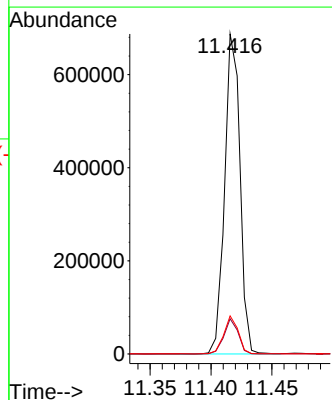
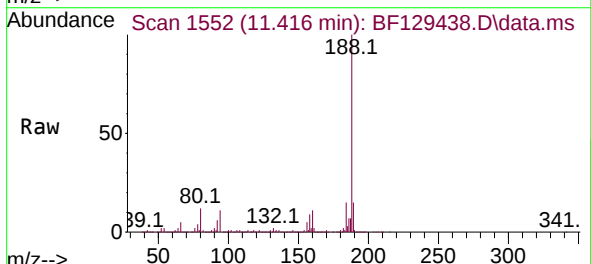
Instrument :
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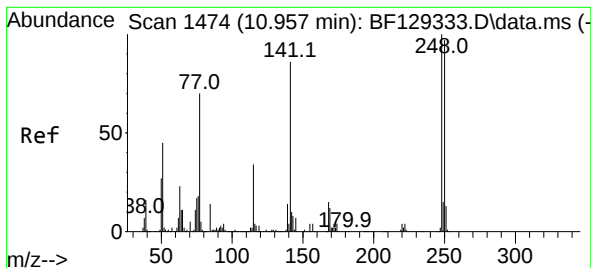
Tgt Ion:165 Resp: 51459
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.0 43.6 65.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BF129438.D
Acq: 29 Jul 2022 12:57

Tgt Ion:188 Resp: 604149
Ion Ratio Lower Upper
188 100
94 11.0 7.0 10.6#
80 11.9 7.6 11.4#

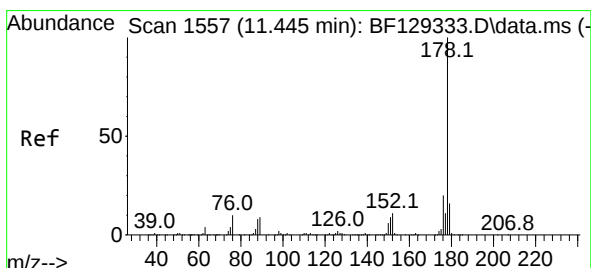
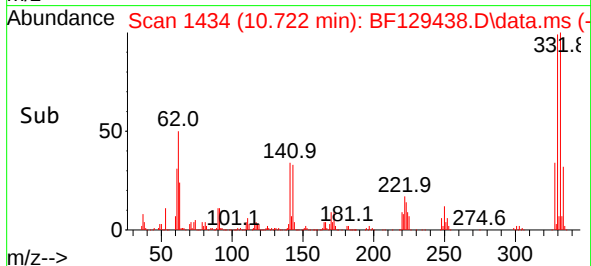
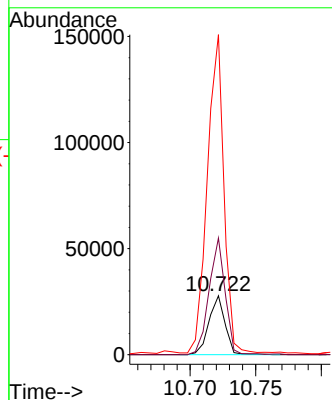
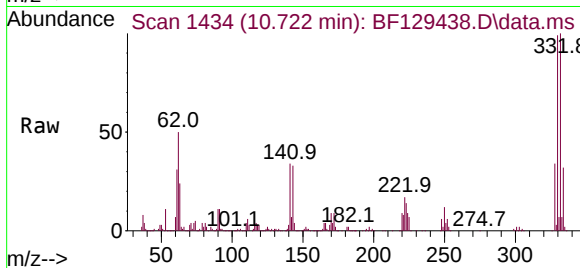




#67
4-Bromophenyl-phenylether
Concen: 3.604 ng
RT: 10.722 min Scan# 1474
Delta R.T. -0.235 min
Lab File: BF129438.D
Acq: 29 Jul 2022 12:57

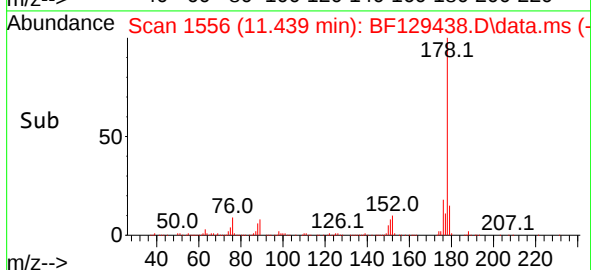
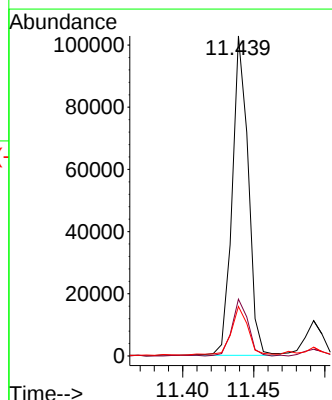
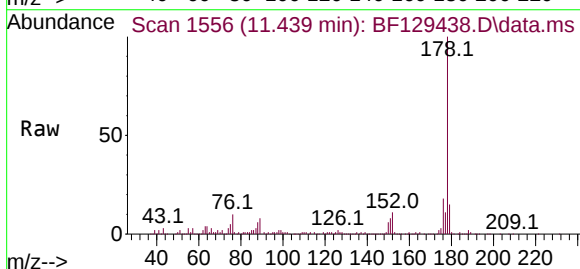
Instrument :
BNA_F
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RVE-74

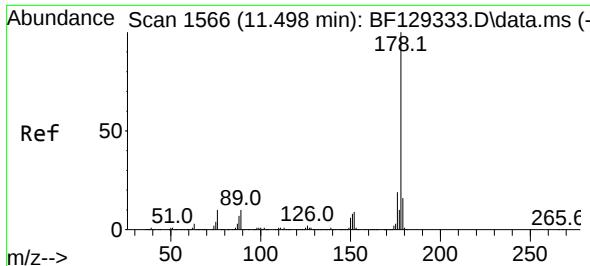
Tgt Ion:248 Resp: 23840
Ion Ratio Lower Upper
248 100
250 197.8 80.6 120.8#
141 542.6 58.9 88.3#



#71
Phenanthrene
Concen: 2.448 ng
RT: 11.439 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF129438.D
Acq: 29 Jul 2022 12:57

Tgt Ion:178 Resp: 80741
Ion Ratio Lower Upper
178 100
176 17.8 16.0 24.0
179 15.5 12.6 19.0

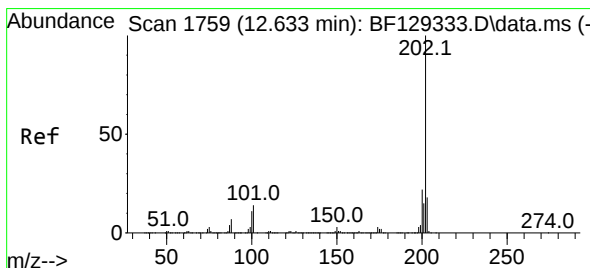
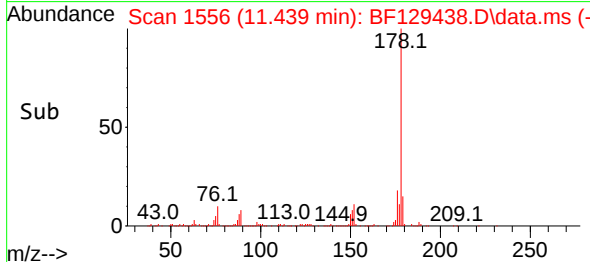
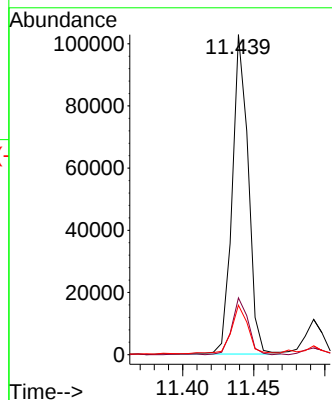
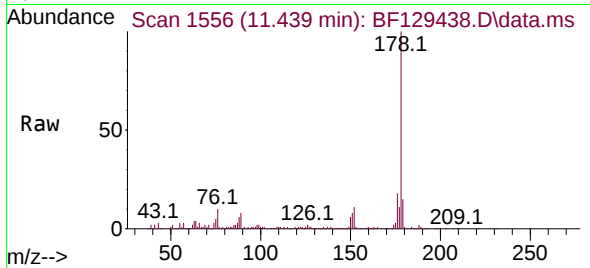




#72
 Anthracene
 Concen: 2.491 ng
 RT: 11.439 min Scan# 11
 Delta R.T. -0.059 min
 Lab File: BF129438.D
 Acq: 29 Jul 2022 12:57

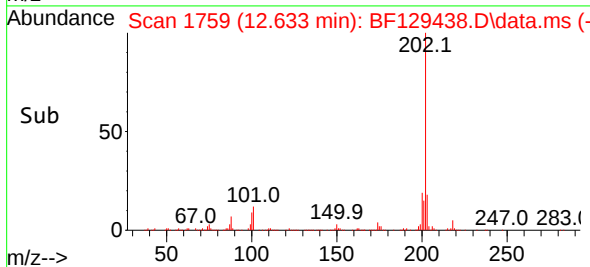
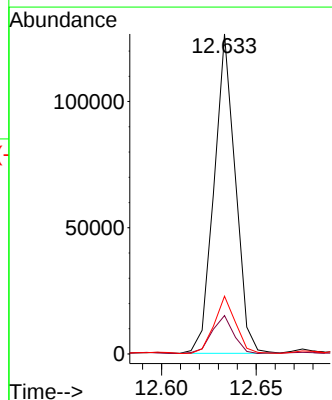
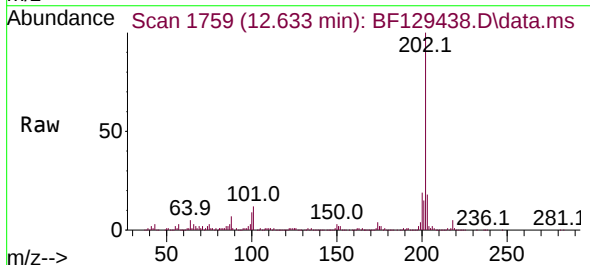
Instrument :
 BNA_F
 ClientSampleId :
 RVE-74

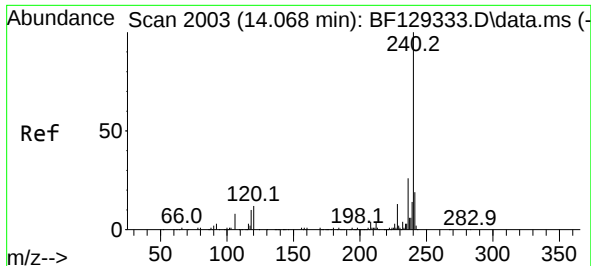
Tgt Ion:178 Resp: 80741
 Ion Ratio Lower Upper
 178 100
 176 17.8 15.4 23.2
 179 15.5 12.6 19.0



#75
 Fluoranthene
 Concen: 2.968 ng
 RT: 12.633 min Scan# 1759
 Delta R.T. 0.000 min
 Lab File: BF129438.D
 Acq: 29 Jul 2022 12:57

Tgt Ion:202 Resp: 99181
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 31.4
 203 18.0 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BF129438.D

Acq: 29 Jul 2022 12:57

Instrument :

BNA_F

ClientSampleId :

RVE-74

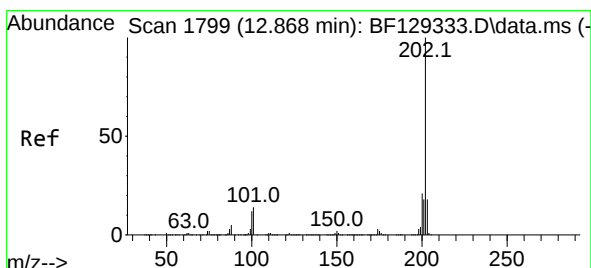
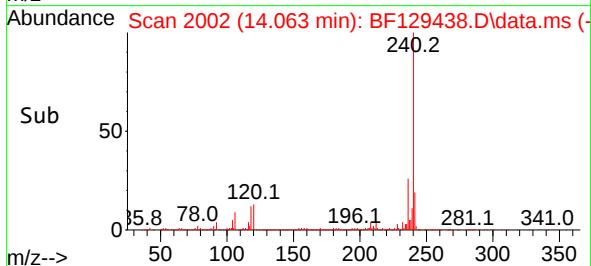
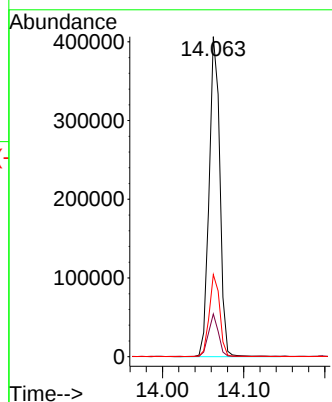
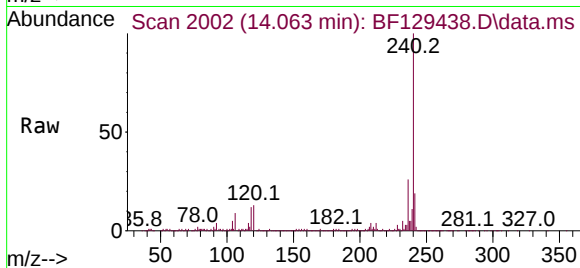
Tgt Ion:240 Resp: 371245

Ion Ratio Lower Upper

240 100

120 13.3 8.9 13.3#

236 25.6 20.8 31.2



#78

Pyrene

Concen: 3.082 ng

RT: 12.863 min Scan# 1798

Delta R.T. -0.006 min

Lab File: BF129438.D

Acq: 29 Jul 2022 12:57

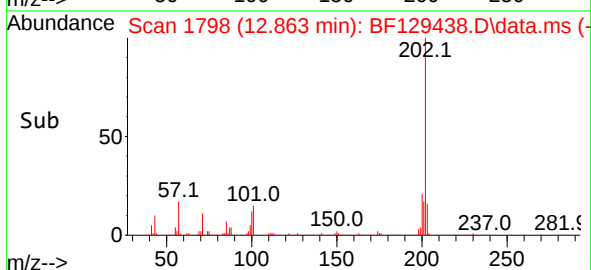
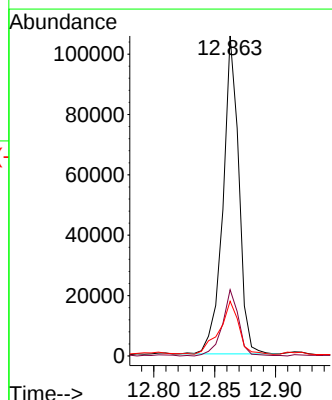
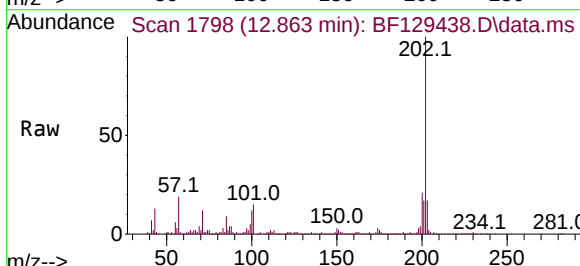
Tgt Ion:202 Resp: 95688

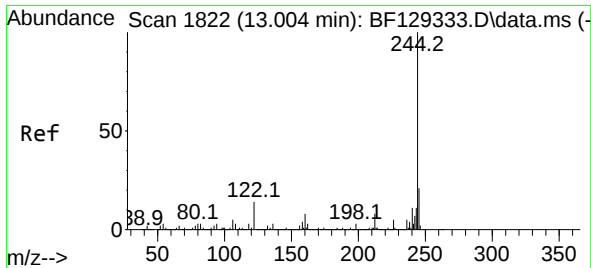
Ion Ratio Lower Upper

202 100

200 20.7 17.7 26.5

203 17.1 14.6 21.8

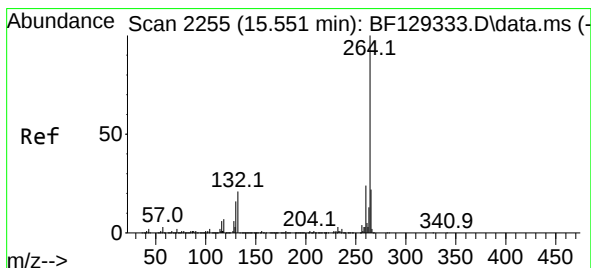
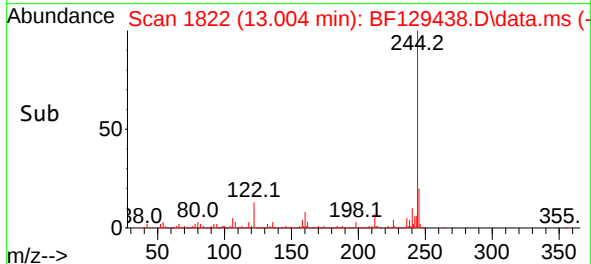
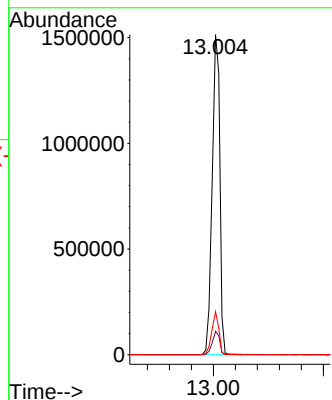
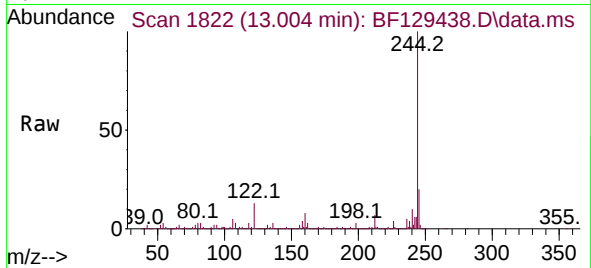




#79
 Terphenyl-d14
 Concen: 73.904 ng
 RT: 13.004 min Scan# 1822
 Delta R.T. 0.000 min
 Lab File: BF129438.D
 Acq: 29 Jul 2022 12:57

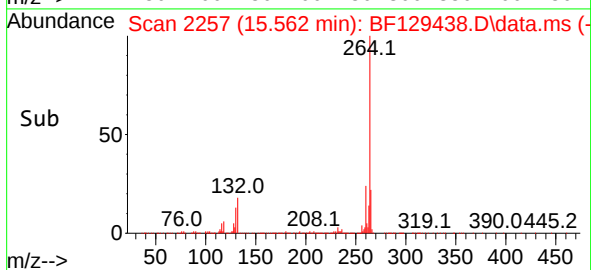
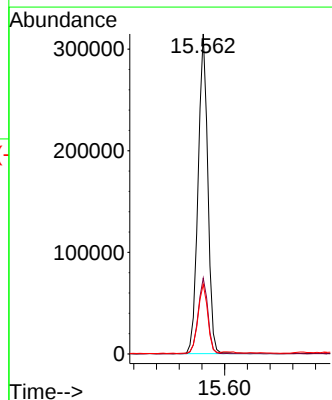
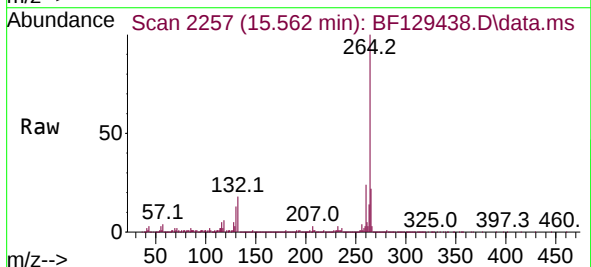
Instrument :
 BNA_F
 ClientSampleId :
 RVE-74

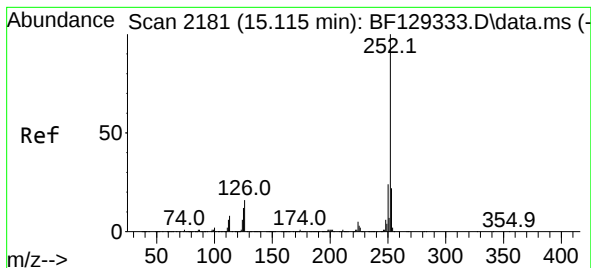
Tgt Ion:244 Resp: 1454291
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 13.4 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2257
 Delta R.T. 0.012 min
 Lab File: BF129438.D
 Acq: 29 Jul 2022 12:57

Tgt Ion:264 Resp: 376324
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.8 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.799 ng

RT: 15.115 min Scan# 2181

Delta R.T. 0.000 min

Lab File: BF129438.D

Acq: 29 Jul 2022 12:57

Instrument :

BNA_F

ClientSampleId :

RVE-74

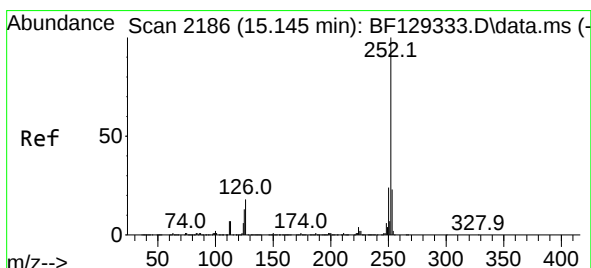
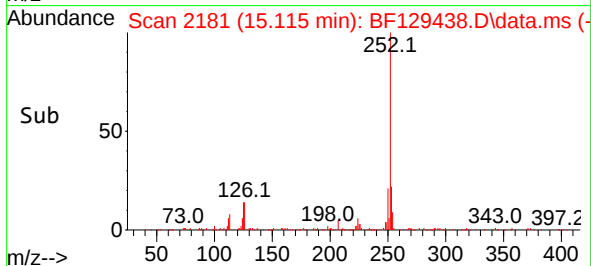
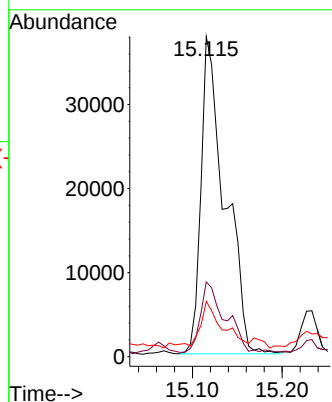
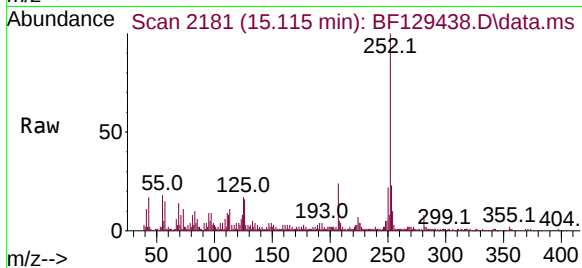
Tgt Ion:252 Resp: 69862

Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

125 17.3 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 2.856 ng

RT: 15.115 min Scan# 2181

Delta R.T. -0.029 min

Lab File: BF129438.D

Acq: 29 Jul 2022 12:57

Tgt Ion:252 Resp: 69862

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.6

125 17.3 8.3 12.5#

