

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129426.D
 Acq On : 29 Jul 2022 00:42
 Operator : CG\JU
 Sample : N3893-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-13

Quant Time: Jul 29 02:10:39 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)

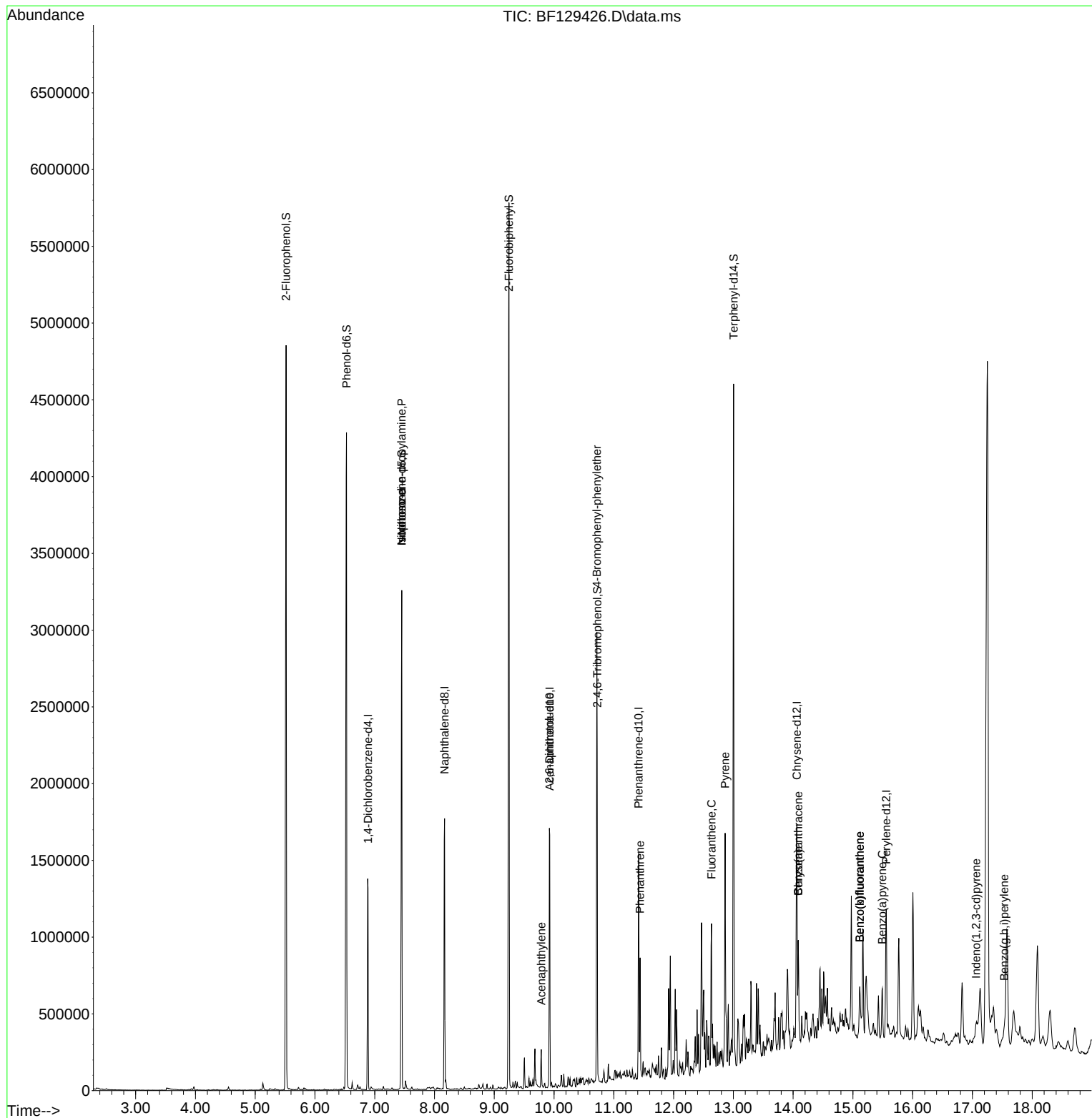
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	204792	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	770943	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	356276	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	481303	20.000	ng	0.00
76) Chrysene-d12	14.063	240	384530	20.000	ng	0.00
86) Perylene-d12	15.557	264	327643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1303913	103.719	ng	0.02
7) Phenol-d6	6.528	99	1667582	105.531	ng	0.01
23) Nitrobenzene-d5	7.451	82	1025719	72.629	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	323592	94.470	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1745274	75.780	ng	0.00
79) Terphenyl-d14	13.004	244	1393437	68.365	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	137488	14.372	ng	# 73
25) Isophorone	7.451	82	1020893	40.327	ng	# 65
49) Acenaphthylene	9.786	152	93859	2.939	ng	97
51) 2,6-Dinitrotoluene	9.922	165	46406	8.430	ng	# 26
67) 4-Bromophenyl-phenylether	10.716	248	20014	3.797	ng	# 1
71) Phenanthrene	11.439	178	247882	9.435	ng	97
75) Fluoranthene	12.633	202	313028	11.759	ng	99
78) Pyrene	12.863	202	560865	17.442	ng	99
81) Benzo(a)anthracene	14.086	228	252321	9.606	ng	94
83) Chrysene	14.086	228	252321	10.192	ng	98
87) Indeno(1,2,3-cd)pyrene	17.062	276	67035	3.038	ng	93
88) Benzo(b)fluoranthene	15.116	252	227539	10.469	ng	# 96
89) Benzo(k)fluoranthene	15.116	252	227539	10.683	ng	# 97
90) Benzo(a)pyrene	15.492	252	141129	7.999	ng	96
92) Benzo(g,h,i)perylene	17.533	276	90465	4.930	ng	94

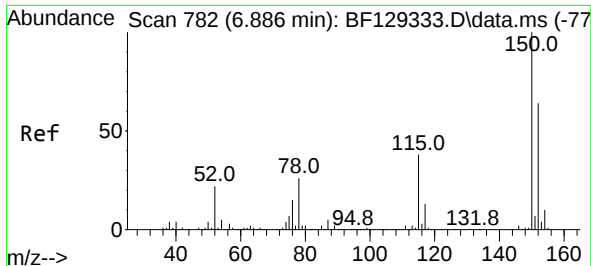
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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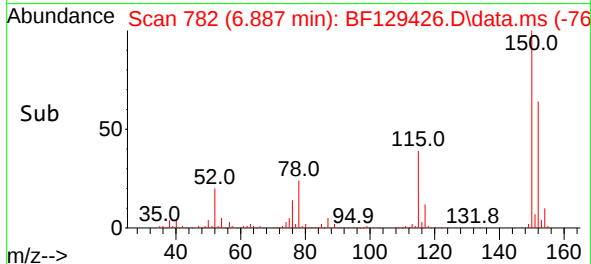
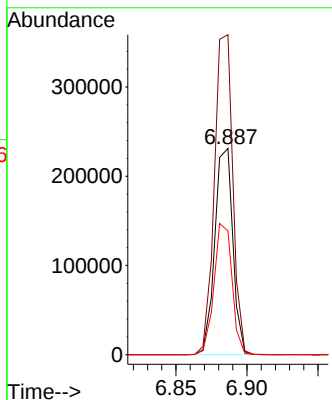
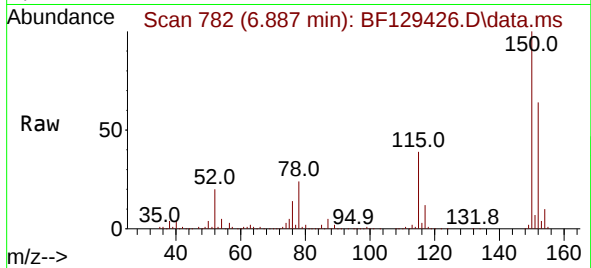




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF129426.D
 Acq: 29 Jul 2022 00:42

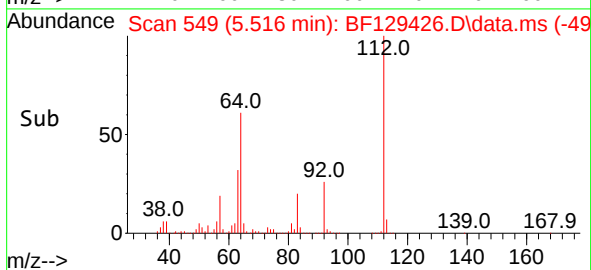
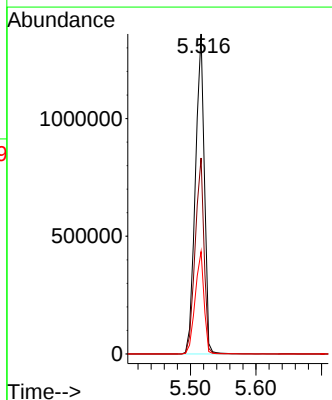
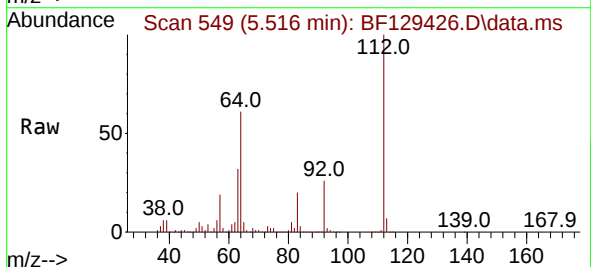
Instrument :
 BNA_F
 ClientSampleId :
 RVE-13

Tgt Ion:152 Resp: 204792
 Ion Ratio Lower Upper
 152 100
 150 155.2 123.7 185.5
 115 60.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 103.719 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.018 min
 Lab File: BF129426.D
 Acq: 29 Jul 2022 00:42

Tgt Ion:112 Resp: 1303913
 Ion Ratio Lower Upper
 112 100
 64 61.3 53.3 79.9
 63 32.0 28.0 42.0

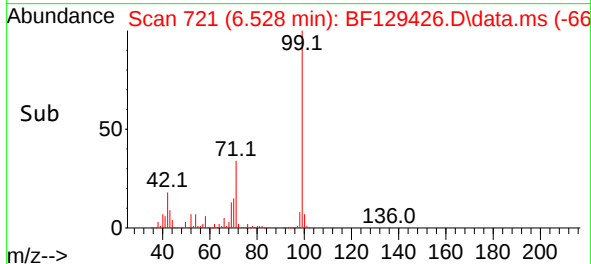
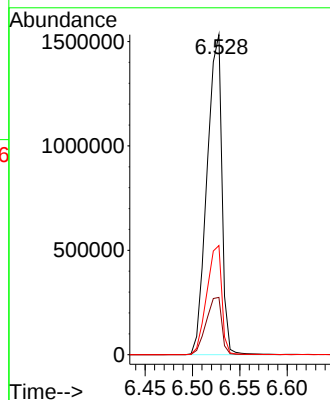
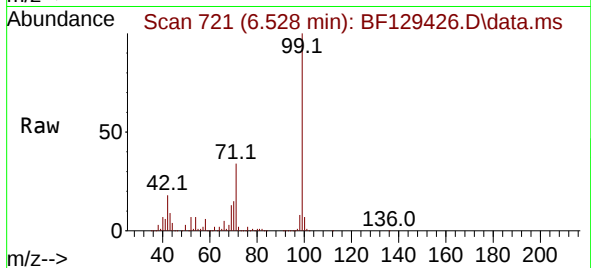




#7
Phenol-d6
Concen: 105.531 ng
RT: 6.528 min Scan# 719
Delta R.T. 0.012 min
Lab File: BF129426.D
Acq: 29 Jul 2022 00:42

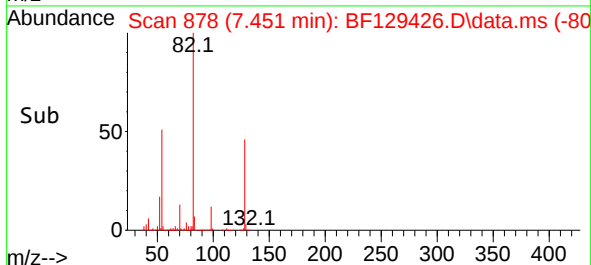
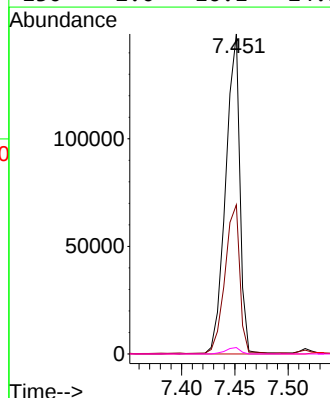
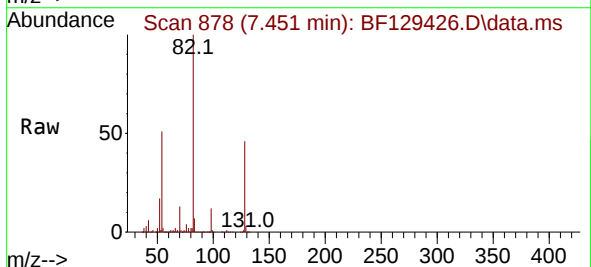
Instrument :
BNA_F
ClientSampleId :
RVE-13

Tgt Ion: 99 Resp: 1667582
Ion Ratio Lower Upper
99 100
42 17.9 17.3 25.9
71 34.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.372 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129426.D
Acq: 29 Jul 2022 00:42

Tgt Ion: 70 Resp: 137488
Ion Ratio Lower Upper
70 100
42 46.6 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



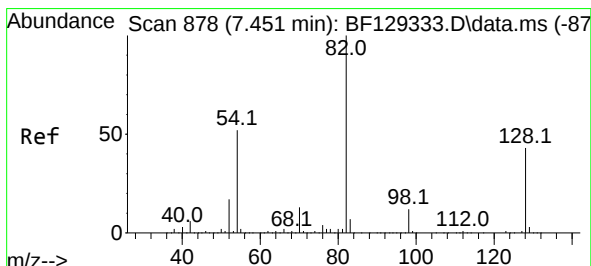
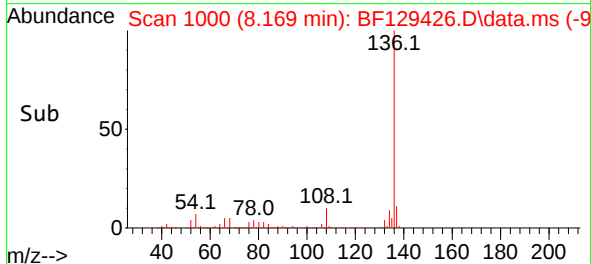
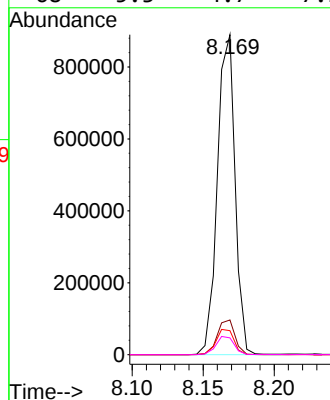
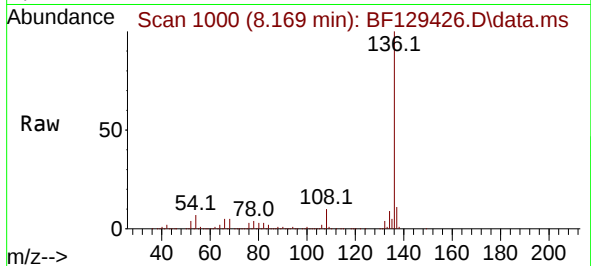


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF129426.D
Acq: 29 Jul 2022 00:42

Instrument :
BNA_F
ClientSampleId :
RVE-13

Tgt Ion:136 Resp: 770943

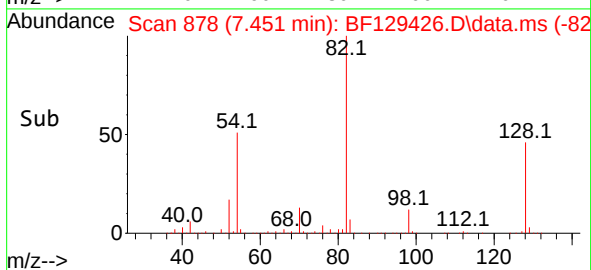
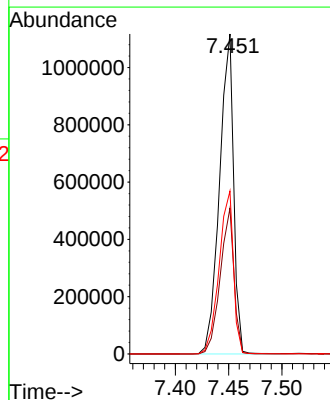
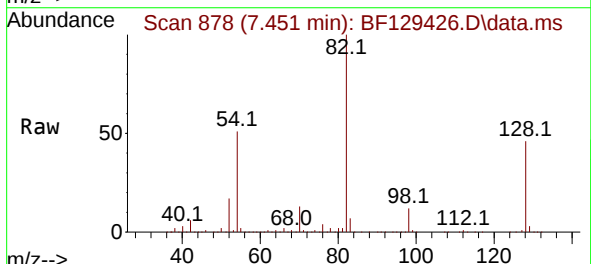
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.5	7.5	11.3
68	5.3	4.7	7.1



#23
Nitrobenzene-d5
Concen: 72.629 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129426.D
Acq: 29 Jul 2022 00:42

Tgt Ion: 82 Resp: 1025719

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.0	51.0
54	50.9	46.9	70.3

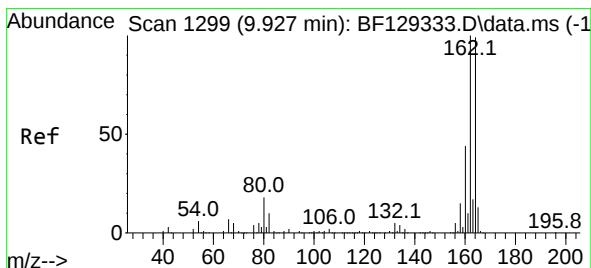
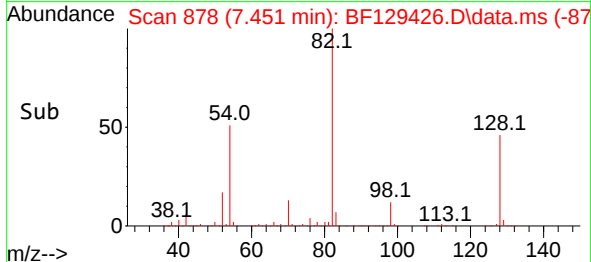
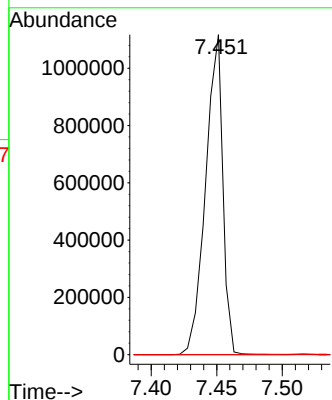
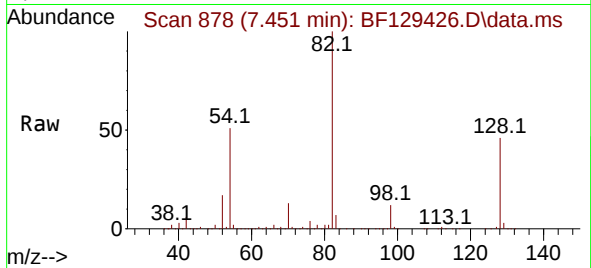




#25
Isophorone
Concen: 40.327 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129426.D
Acq: 29 Jul 2022 00:42

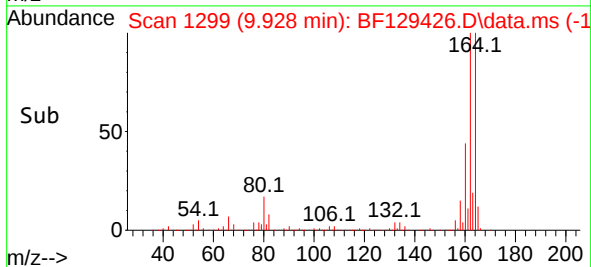
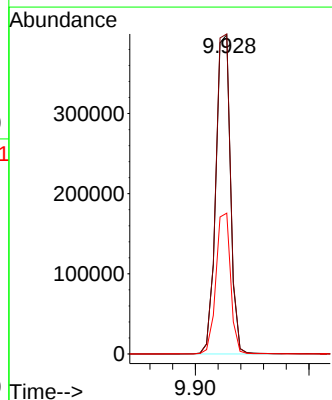
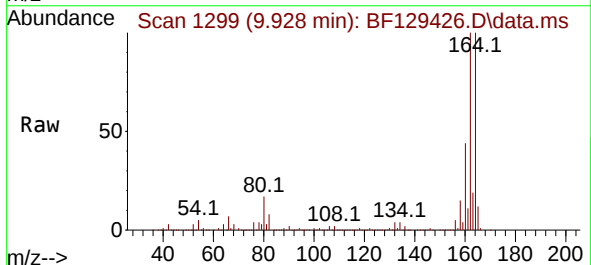
Instrument :
BNA_F
ClientSampleId :
RVE-13

Tgt Ion: 82 Resp: 1020893
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: 9.928 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF129426.D
Acq: 29 Jul 2022 00:42

Tgt Ion:164 Resp: 356276
Ion Ratio Lower Upper
164 100
162 100.3 79.5 119.3
160 44.1 34.2 51.4

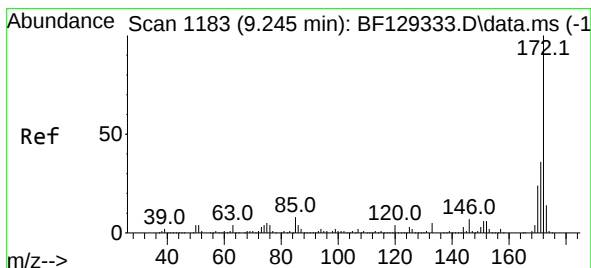
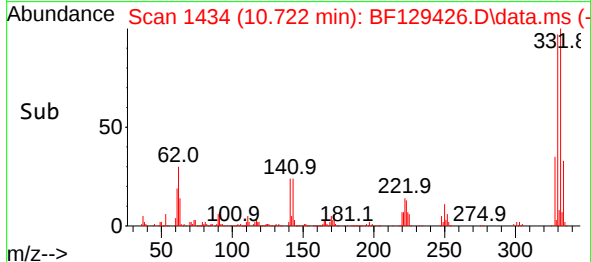
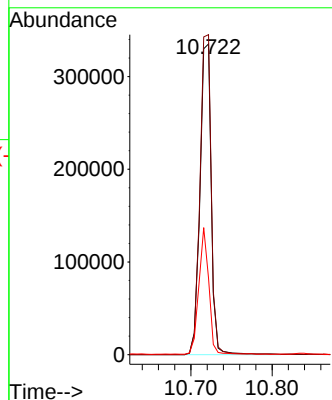
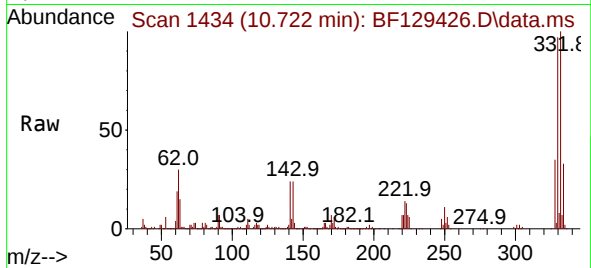




#42
2,4,6-Tribromophenol
Concen: 94.470 ng
RT: 10.722 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF129426.D
Acq: 29 Jul 2022 00:42

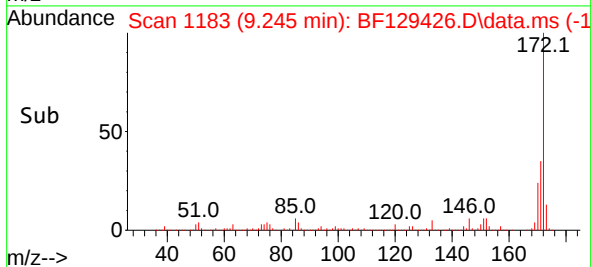
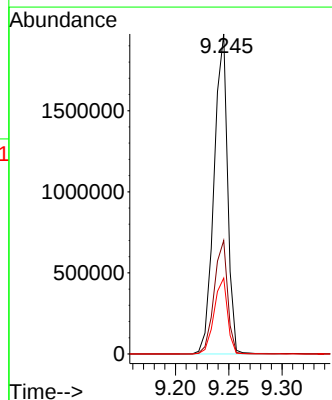
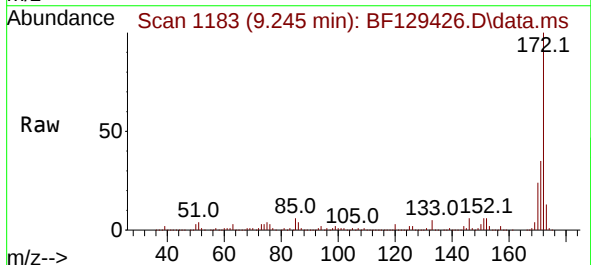
Instrument :
BNA_F
ClientSampleId :
RVE-13

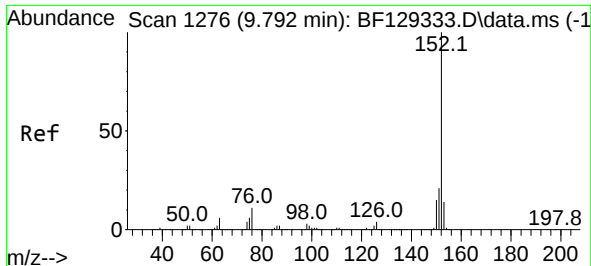
Tgt Ion:330 Resp: 323592
Ion Ratio Lower Upper
330 100
332 103.8 76.8 115.2
141 35.9 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 75.780 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF129426.D
Acq: 29 Jul 2022 00:42

Tgt Ion:172 Resp: 1745274
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.7 19.8 29.8

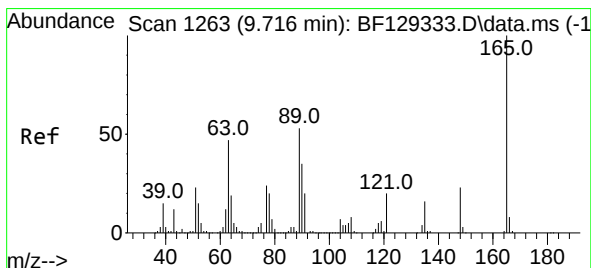
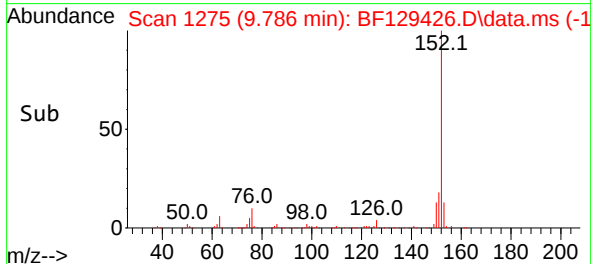
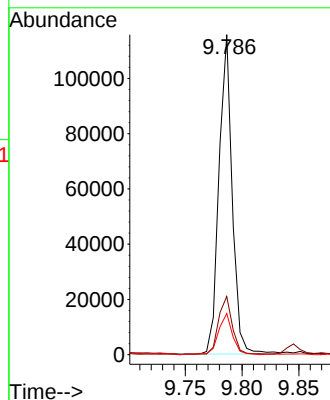
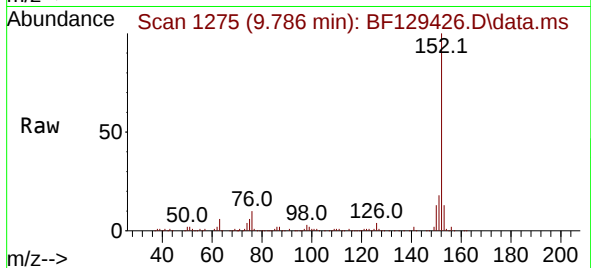




#49
Acenaphthylene
Concen: 2.939 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF129426.D
Acq: 29 Jul 2022 00:42

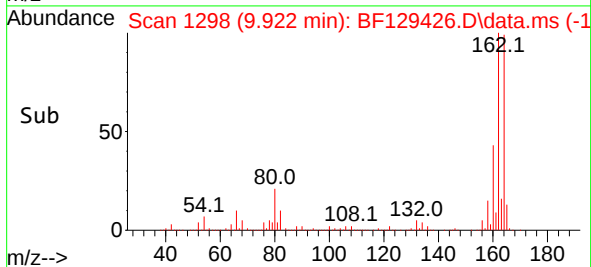
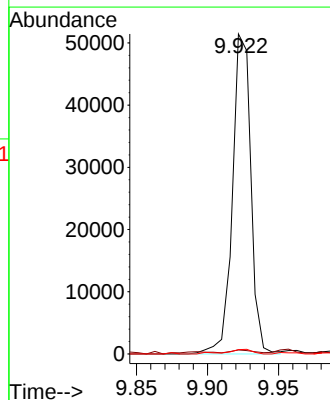
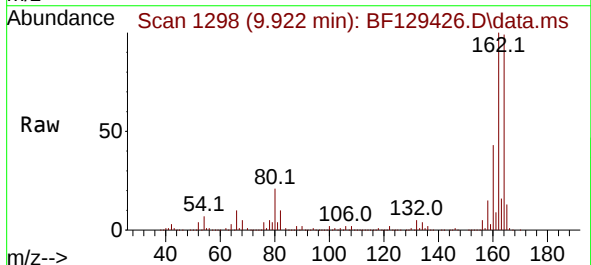
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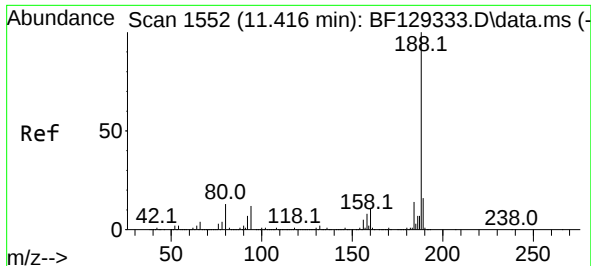
Tgt Ion:152 Resp: 93859
Ion Ratio Lower Upper
152 100
151 18.2 16.2 24.4
153 12.9 10.7 16.1



#51
2,6-Dinitrotoluene
Concen: 8.430 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129426.D
Acq: 29 Jul 2022 00:42

Tgt Ion:165 Resp: 46406
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.3 43.6 65.4#

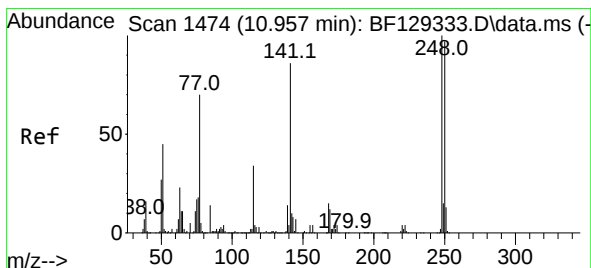
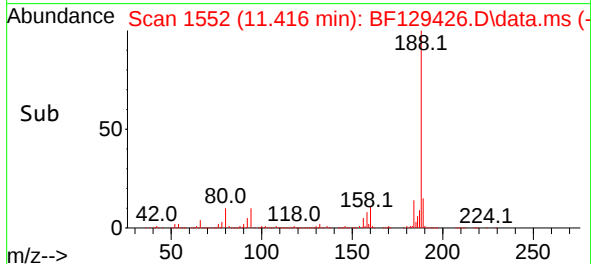
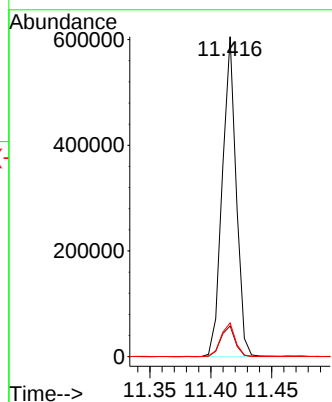
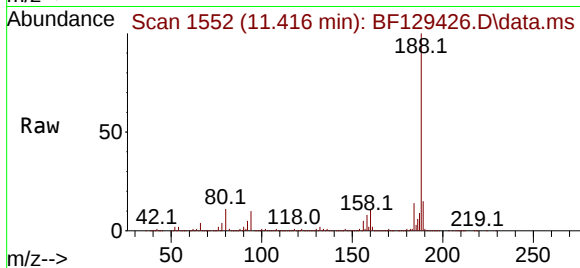




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF129426.D
Acq: 29 Jul 2022 00:42

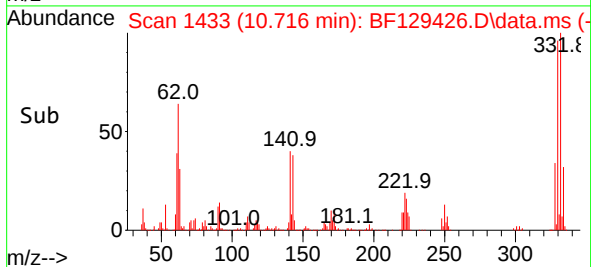
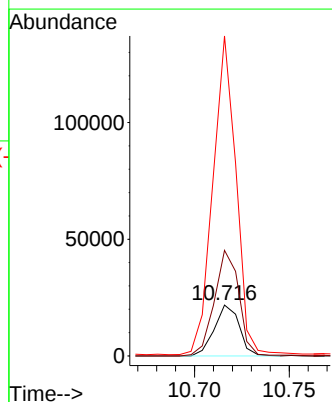
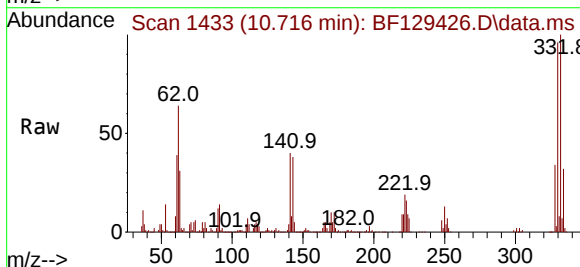
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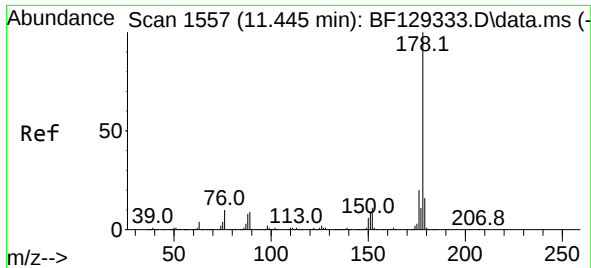
Tgt Ion:188 Resp: 481303
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 10.5 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.797 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129426.D
Acq: 29 Jul 2022 00:42

Tgt Ion:248 Resp: 20014
Ion Ratio Lower Upper
248 100
250 207.4 80.6 120.8#
141 628.4 58.9 88.3#

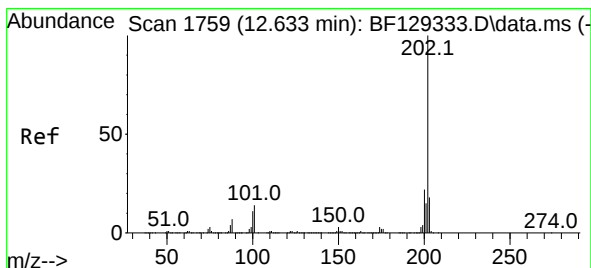
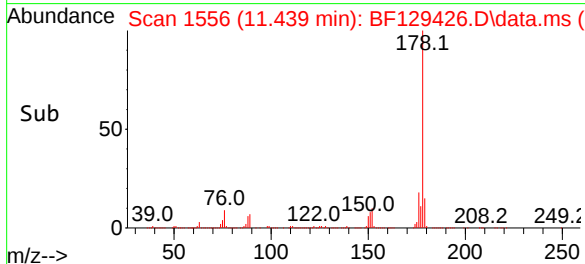
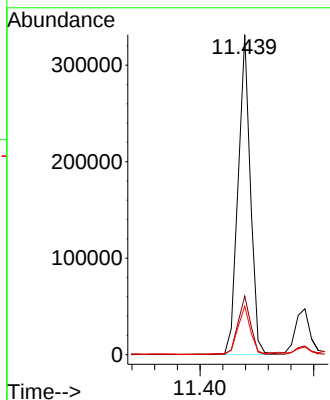
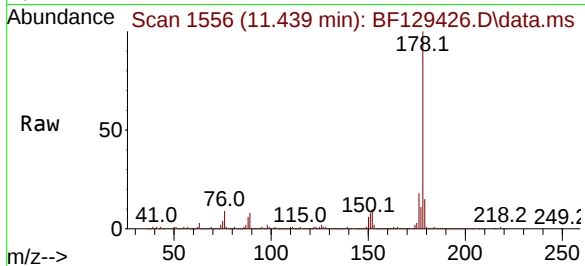




#71
Phenanthrene
Concen: 9.435 ng
RT: 11.439 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF129426.D
Acq: 29 Jul 2022 00:42

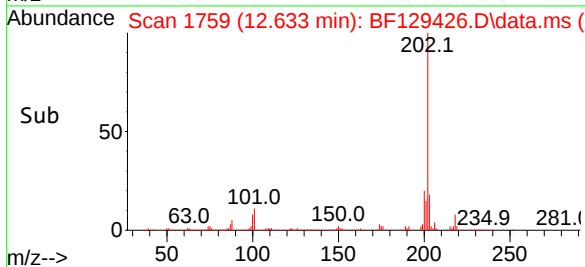
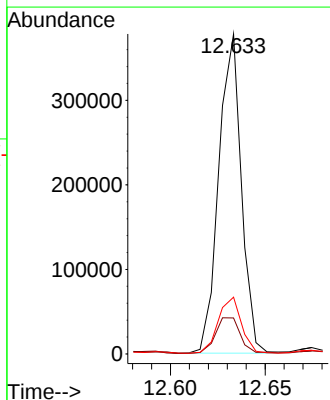
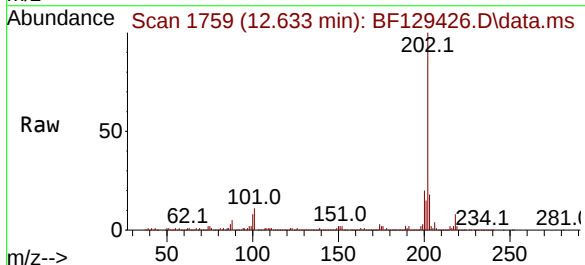
Instrument :
BNA_F
ClientSampleId :
RVE-13

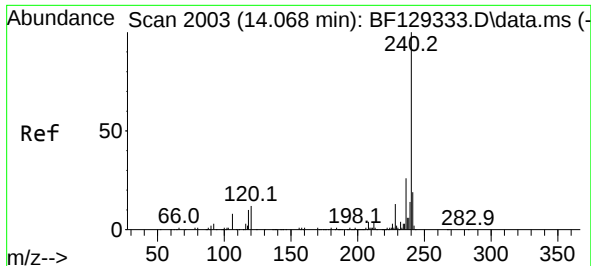
Tgt Ion:178 Resp: 247882
Ion Ratio Lower Upper
178 100
176 18.3 16.0 24.0
179 15.1 12.6 19.0



#75
Fluoranthene
Concen: 11.759 ng
RT: 12.633 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BF129426.D
Acq: 29 Jul 2022 00:42

Tgt Ion:202 Resp: 313028
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.4
203 17.7 0.0 38.0

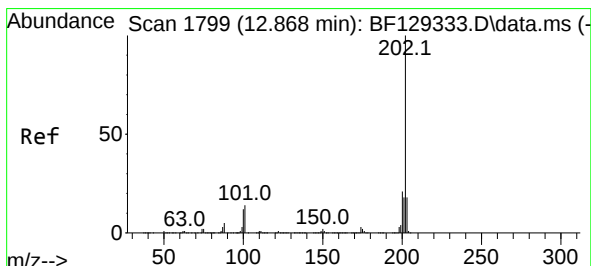
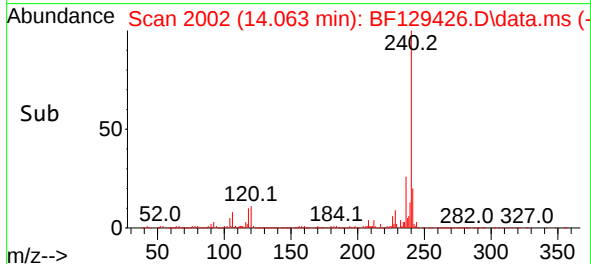
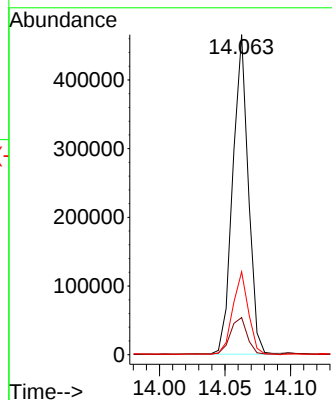
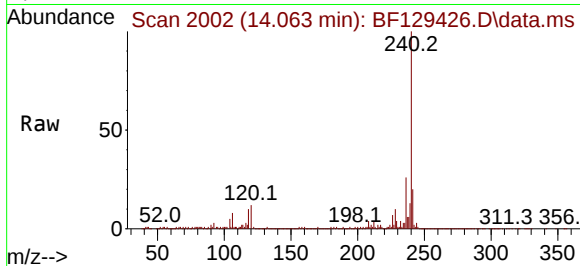




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF129426.D
Acq: 29 Jul 2022 00:42

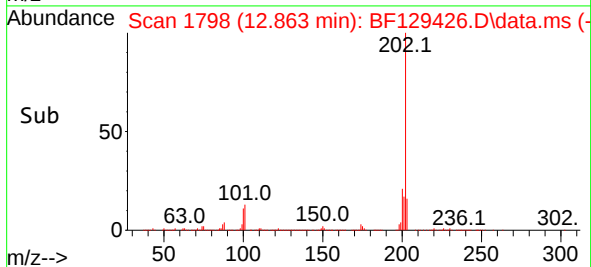
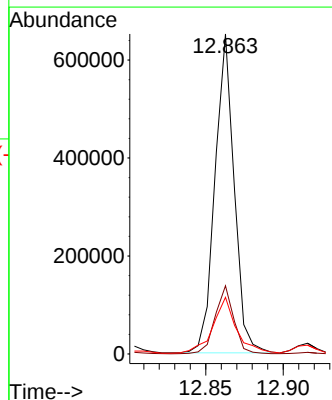
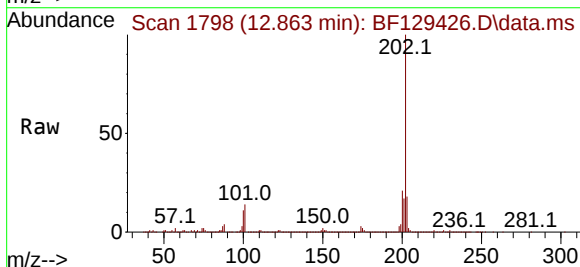
Instrument :
BNA_F
ClientSampleId :
RVE-13

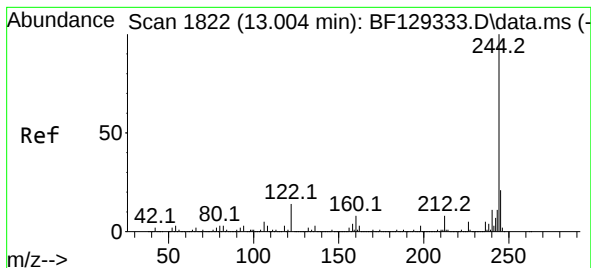
Tgt Ion:240 Resp: 384530
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.9 20.8 31.2



#78
Pyrene
Concen: 17.442 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF129426.D
Acq: 29 Jul 2022 00:42

Tgt Ion:202 Resp: 560865
Ion Ratio Lower Upper
202 100
200 21.3 17.7 26.5
203 17.7 14.6 21.8





#79

Terphenyl-d14

Concen: 68.365 ng

RT: 13.004 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129426.D

Acq: 29 Jul 2022 00:42

Instrument :

BNA_F

ClientSampleId :

RVE-13

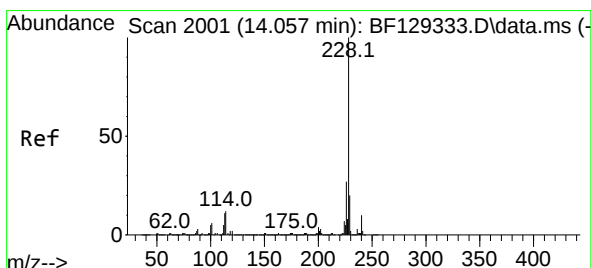
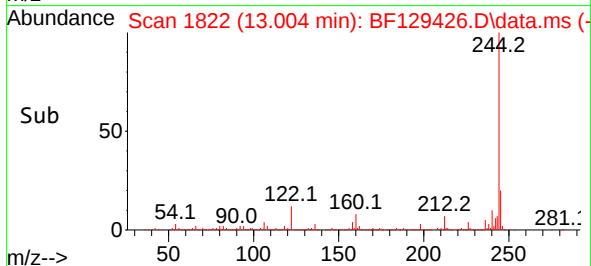
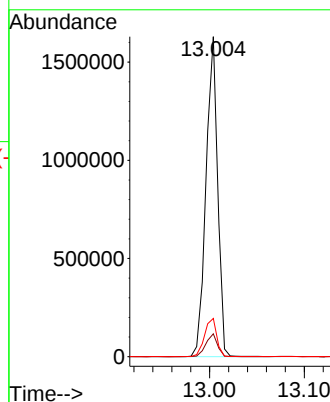
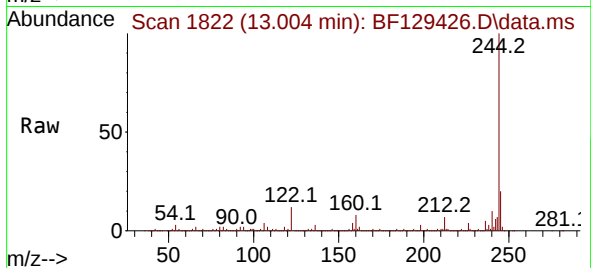
Tgt Ion:244 Resp: 1393437

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 12.0 8.8 13.2



#81

Benzo(a)anthracene

Concen: 9.606 ng

RT: 14.086 min Scan# 2006

Delta R.T. 0.030 min

Lab File: BF129426.D

Acq: 29 Jul 2022 00:42

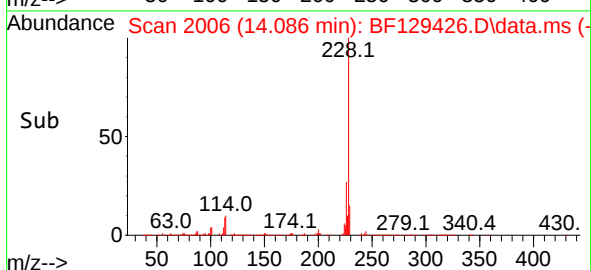
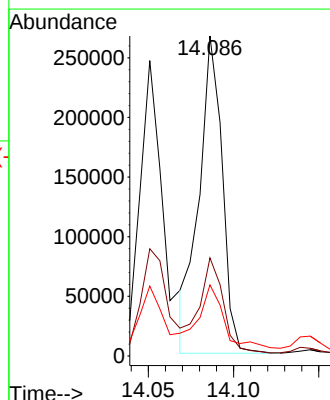
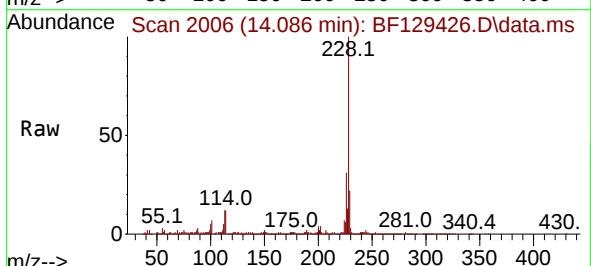
Tgt Ion:228 Resp: 252321

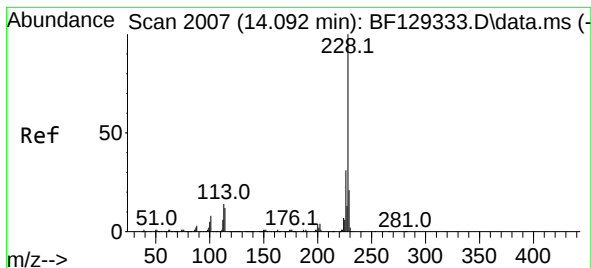
Ion Ratio Lower Upper

228 100

226 30.6 22.1 33.1

229 22.2 15.8 23.8





#83

Chrysene

Concen: 10.192 ng

RT: 14.086 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BF129426.D

Acq: 29 Jul 2022 00:42

Instrument :

BNA_F

ClientSampleId :

RVE-13

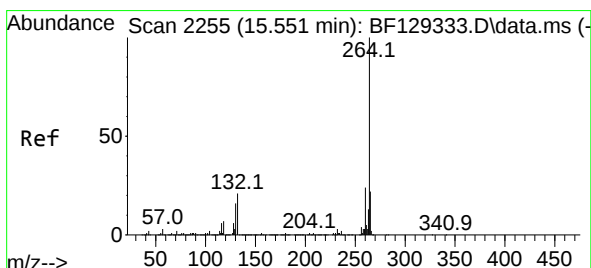
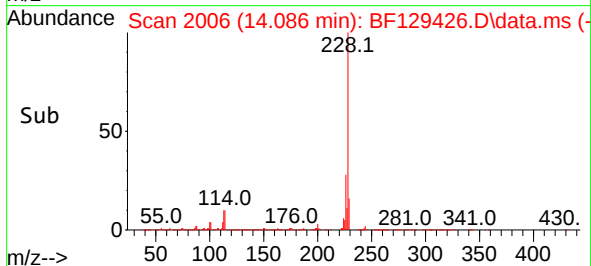
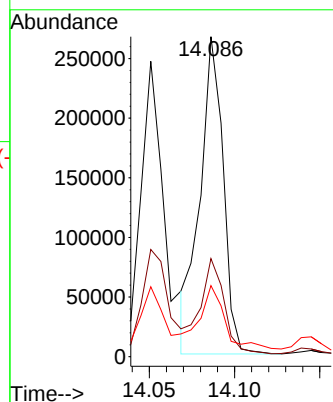
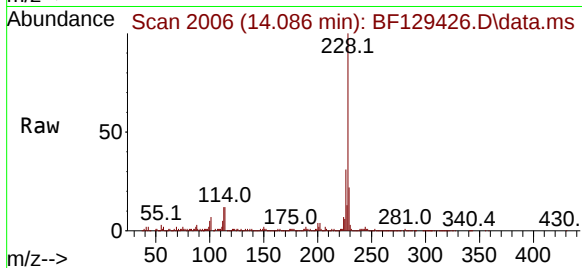
Tgt Ion:228 Resp: 252321

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 22.2 15.9 23.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2256

Delta R.T. 0.006 min

Lab File: BF129426.D

Acq: 29 Jul 2022 00:42

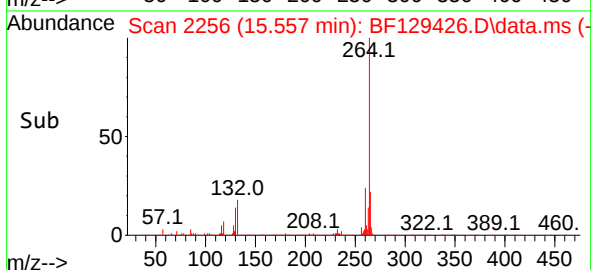
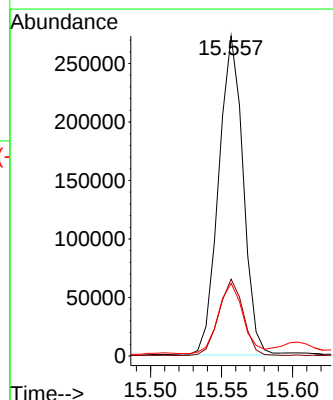
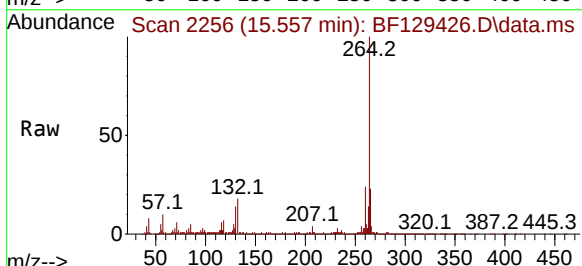
Tgt Ion:264 Resp: 327643

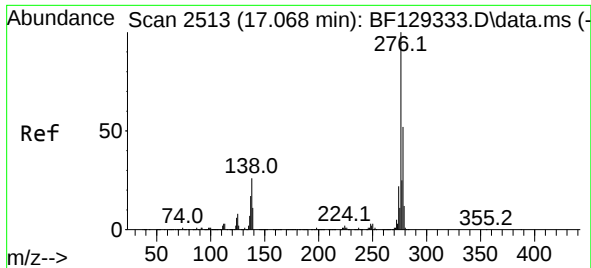
Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 22.7 17.2 25.8

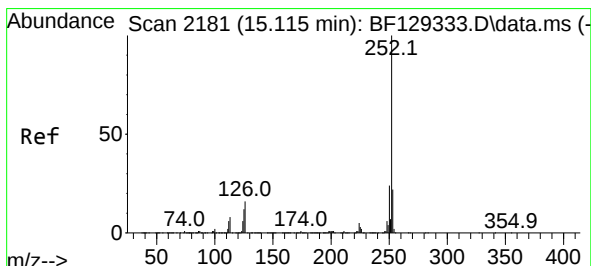
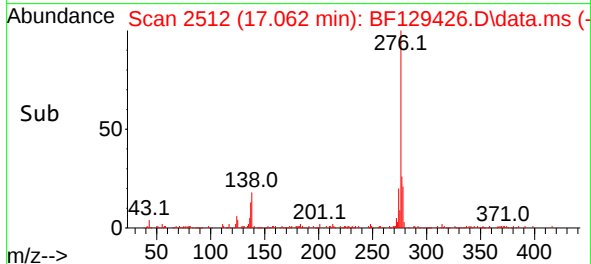
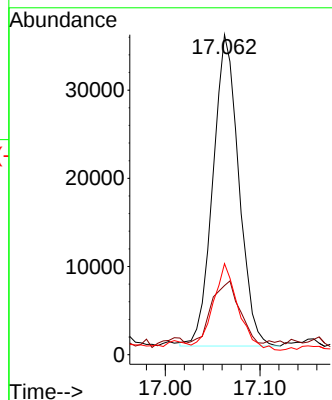
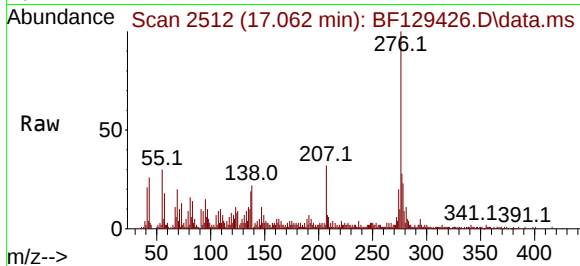




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.038 ng
RT: 17.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129426.D
Acq: 29 Jul 2022 00:42

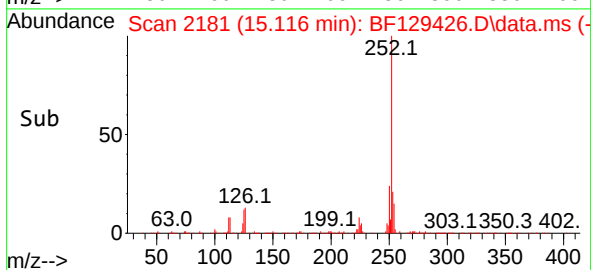
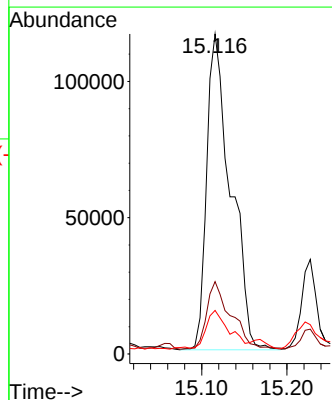
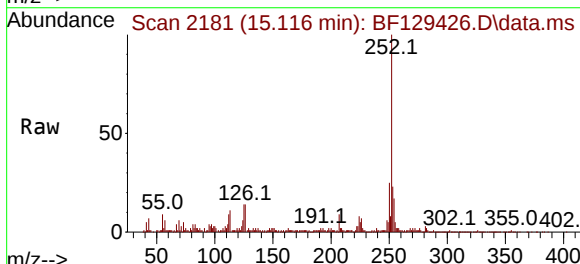
Instrument :
BNA_F
ClientSampleId :
RVE-13

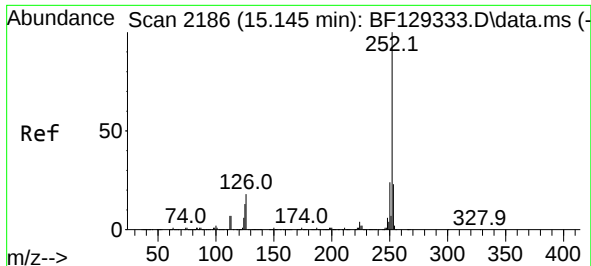
Tgt Ion:276 Resp: 67035
Ion Ratio Lower Upper
276 100
138 21.3 21.1 31.7
277 27.1 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 10.469 ng
RT: 15.116 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BF129426.D
Acq: 29 Jul 2022 00:42

Tgt Ion:252 Resp: 227539
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 13.6 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 10.683 ng

RT: 15.116 min Scan# 2186

Delta R.T. -0.029 min

Lab File: BF129426.D

Acq: 29 Jul 2022 00:42

Instrument :

BNA_F

ClientSampleId :

RVE-13

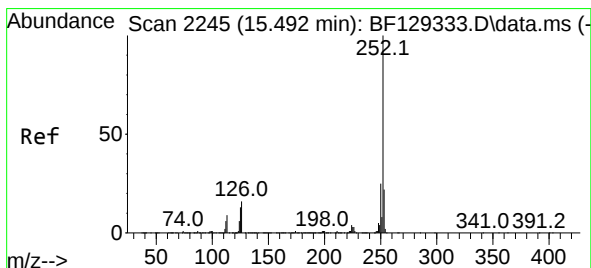
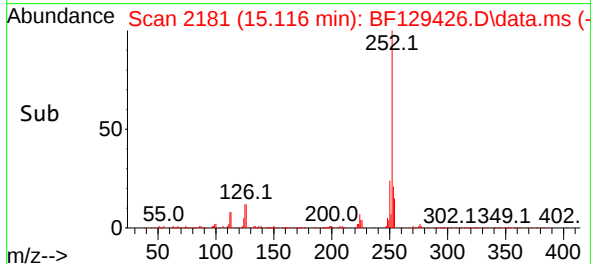
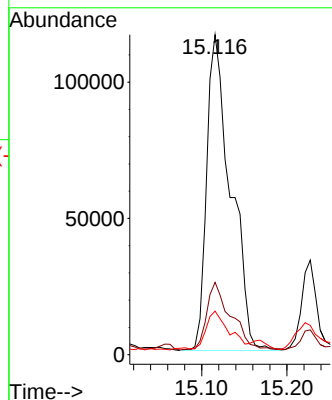
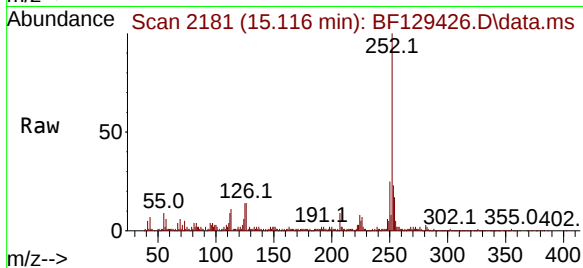
Tgt Ion:252 Resp: 227539

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 13.6 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 7.999 ng

RT: 15.492 min Scan# 2245

Delta R.T. 0.000 min

Lab File: BF129426.D

Acq: 29 Jul 2022 00:42

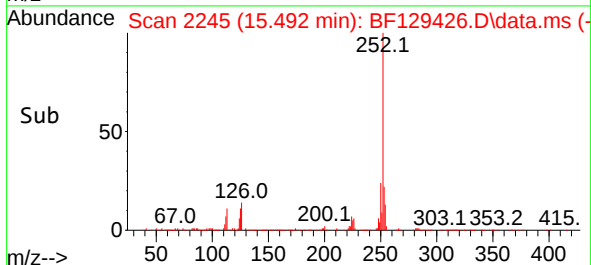
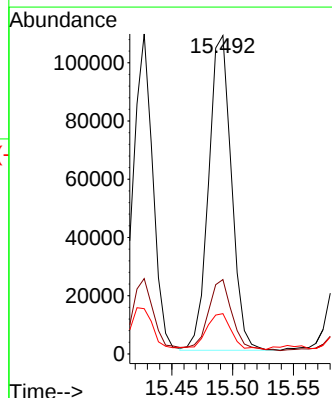
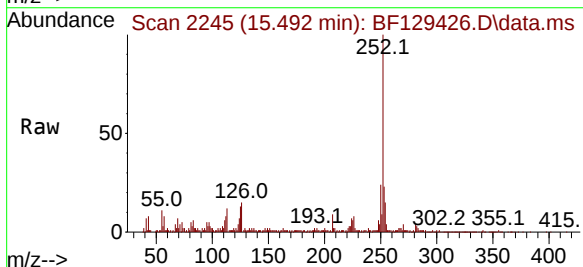
Tgt Ion:252 Resp: 141129

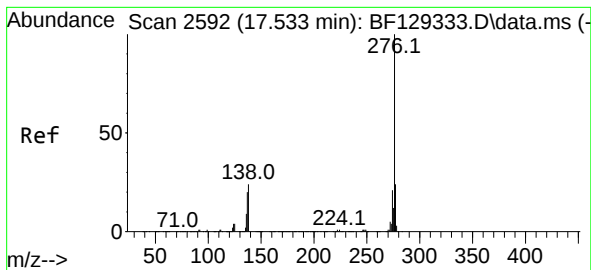
Ion Ratio Lower Upper

252 100

253 23.3 17.0 25.6

125 12.7 8.8 13.2





#92

Benzo(g,h,i)perylene

Concen: 4.930 ng

RT: 17.533 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF129426.D

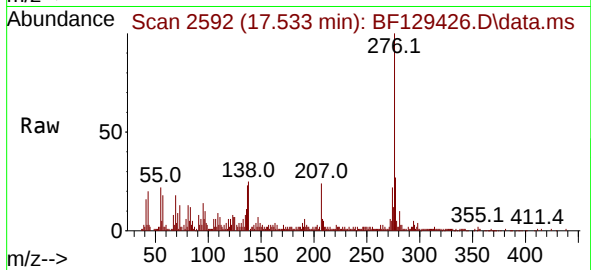
Acq: 29 Jul 2022 00:42

Instrument :

BNA_F

ClientSampleId :

RVE-13



Tgt Ion:276 Resp: 90465

Ion Ratio Lower Upper

276 100

277 27.5 19.1 28.7

138 24.9 18.0 27.0

