

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129584.D
 Acq On : 04 Aug 2022 23:12
 Operator : CG\JU
 Sample : N3931-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-118

Quant Time: Aug 05 02:10:31 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)

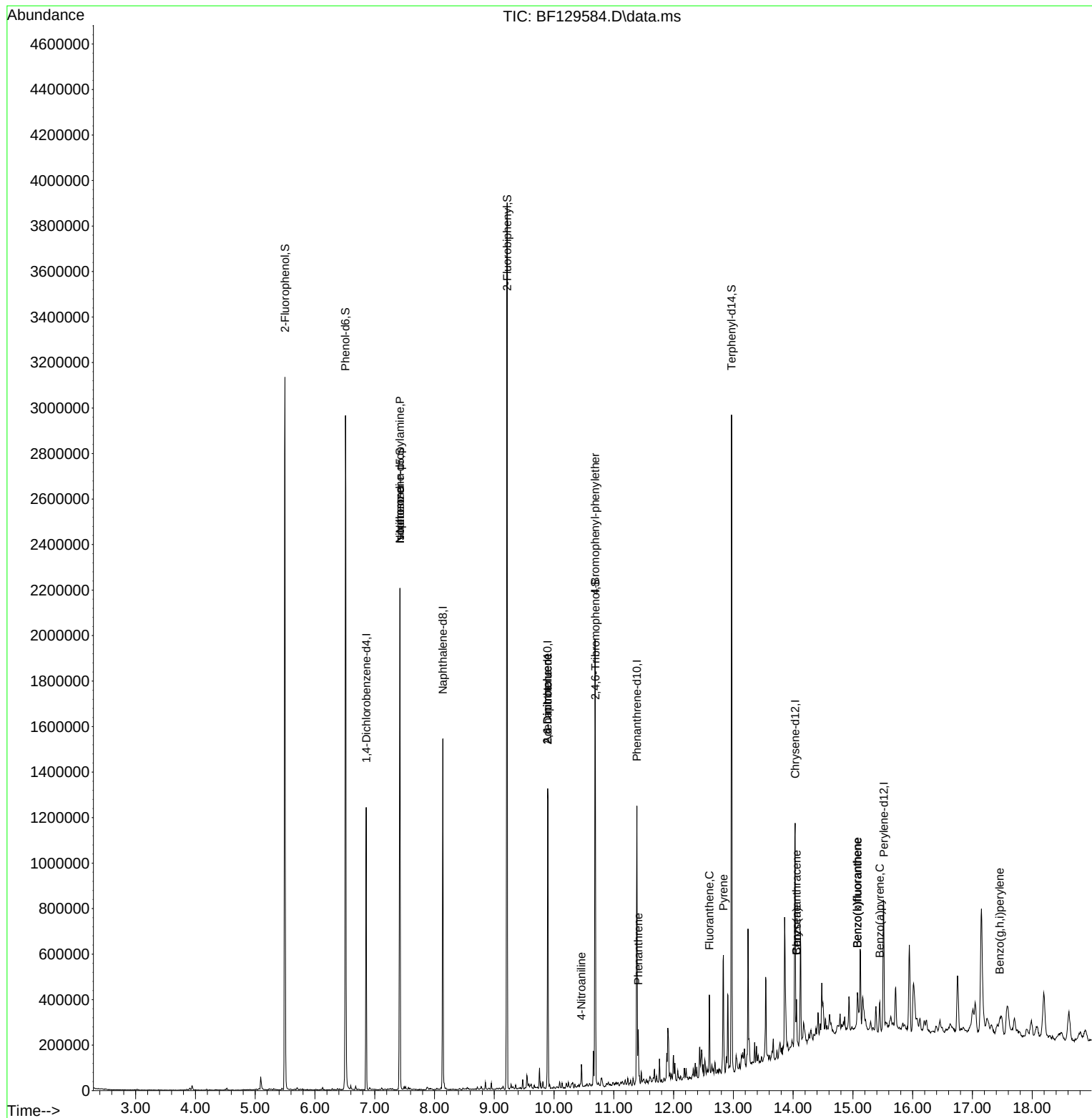
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	167788	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	618657	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	279294	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	399579	20.000	ng	0.00
76) Chrysene-d12	14.033	240	307621	20.000	ng	0.00
86) Perylene-d12	15.515	264	254664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	855948	83.101	ng	0.00
7) Phenol-d6	6.510	99	1029258	79.500	ng	0.00
23) Nitrobenzene-d5	7.422	82	685048	60.447	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	209128	77.882	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1168055	64.696	ng	0.00
79) Terphenyl-d14	12.969	244	930236	57.050	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	91639	11.692	ng	# 73
25) Isophorone	7.422	82	680623	33.504	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	36650	8.493	ng	# 26
57) 2,4-Dinitrotoluene	9.892	165	36650	6.501	ng	# 22
62) 4-Nitroaniline	10.457	138	13518	2.674	ng	95
67) 4-Bromophenyl-phenylether	10.686	248	14093	3.221	ng	# 1
71) Phenanthrene	11.410	178	76330	3.499	ng	96
75) Fluoranthene	12.598	202	119826	5.422	ng	99
78) Pyrene	12.833	202	163054	6.339	ng	98
81) Benzo(a)anthracene	14.057	228	85790	4.083	ng	98
83) Chrysene	14.057	228	85790	4.332	ng	98
88) Benzo(b)fluoranthene	15.074	252	105090	6.221	ng	# 96
89) Benzo(k)fluoranthene	15.074	252	105090	6.348	ng	# 96
90) Benzo(a)pyrene	15.451	252	51786	3.776	ng	# 95
92) Benzo(g,h,i)perylene	17.457	276	36006	2.524	ng	# 92

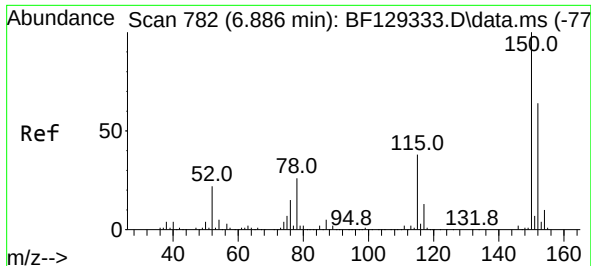
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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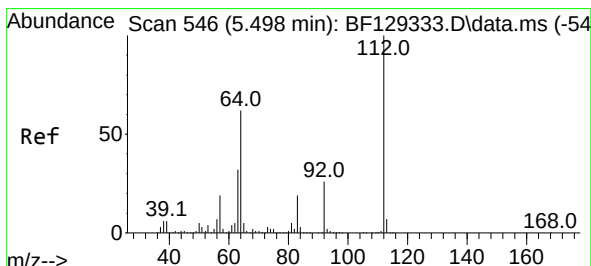
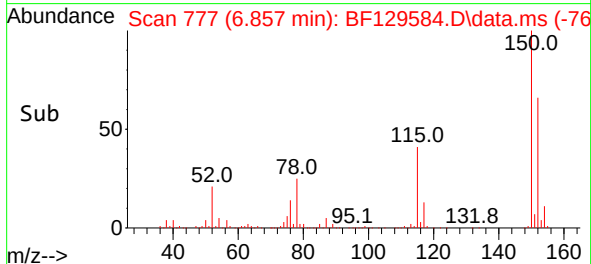
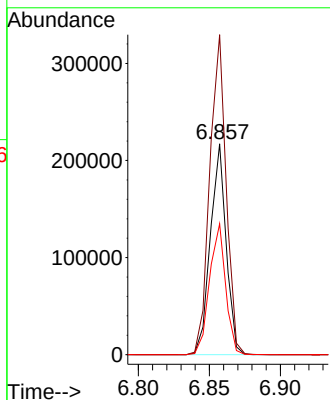
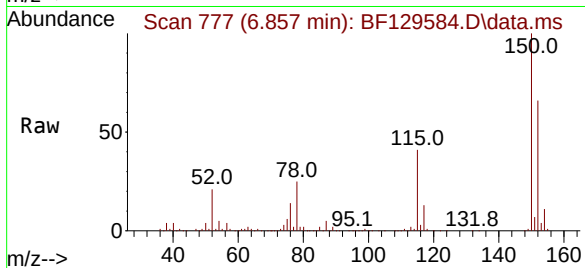




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129584.D
 Acq: 04 Aug 2022 23:12

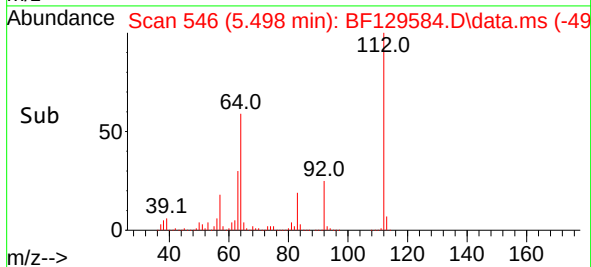
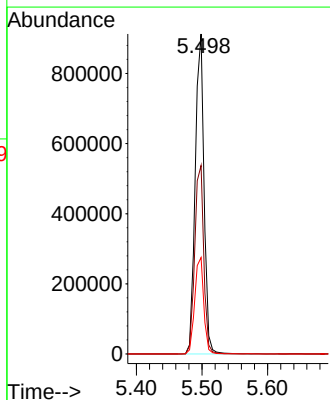
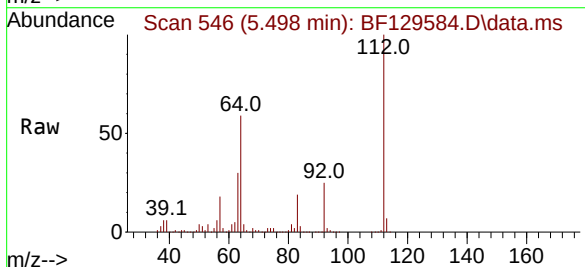
Instrument :
 BNA_F
 ClientSampleId :
 RVE-118

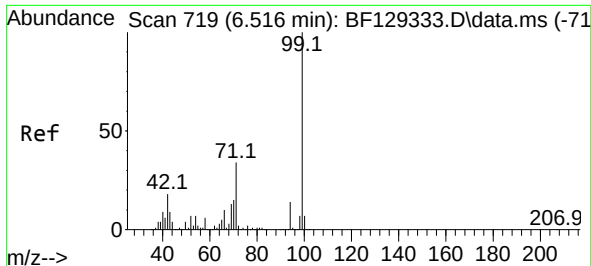
Tgt Ion:152 Resp: 167788
 Ion Ratio Lower Upper
 152 100
 150 151.7 123.7 185.5
 115 62.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 83.101 ng
 RT: 5.498 min Scan# 546
 Delta R.T. 0.006 min
 Lab File: BF129584.D
 Acq: 04 Aug 2022 23:12

Tgt Ion:112 Resp: 855948
 Ion Ratio Lower Upper
 112 100
 64 58.9 53.3 79.9
 63 30.2 28.0 42.0

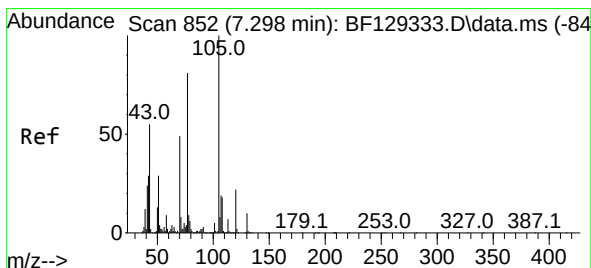
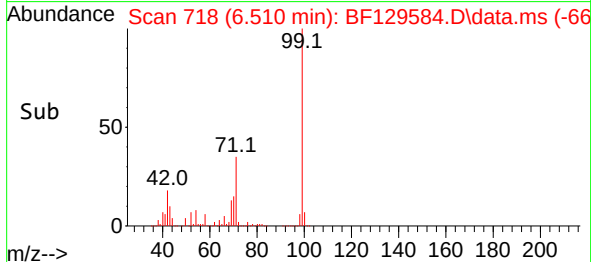
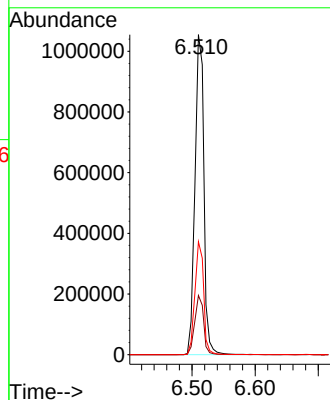
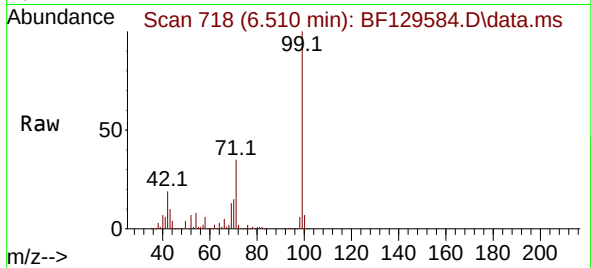




#7
Phenol-d6
Concen: 79.500 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

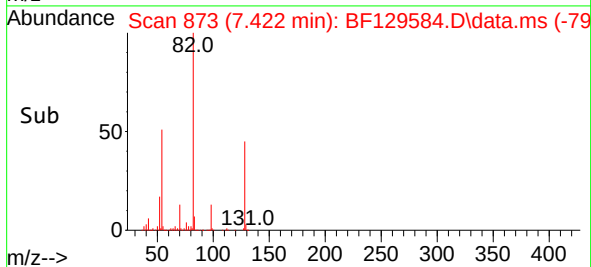
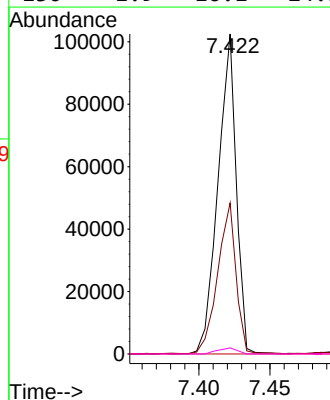
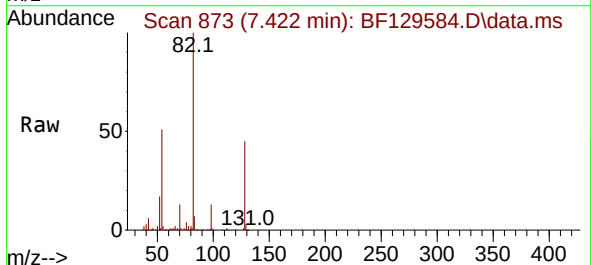
Instrument :
BNA_F
ClientSampleId :
RVE-118

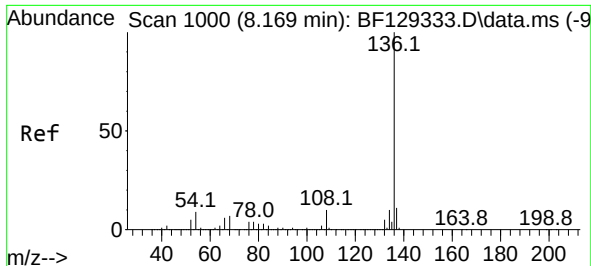
Tgt Ion: 99 Resp: 1029258
Ion Ratio Lower Upper
99 100
42 18.5 17.3 25.9
71 35.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.692 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.141 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

Tgt Ion: 70 Resp: 91639
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#

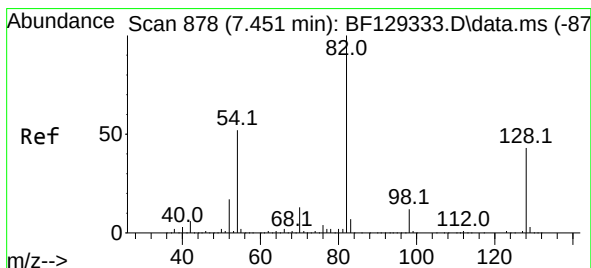
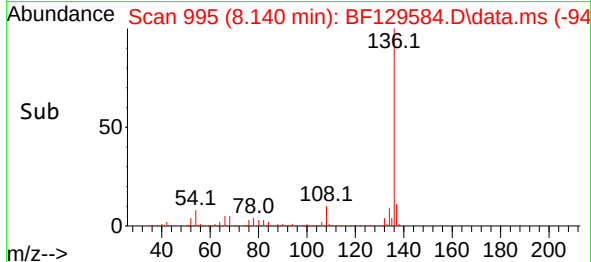
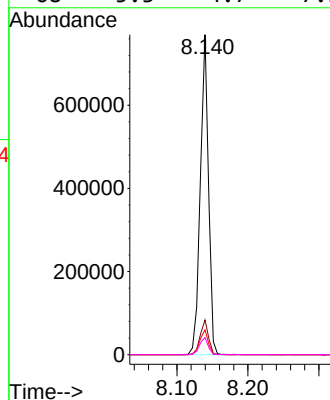
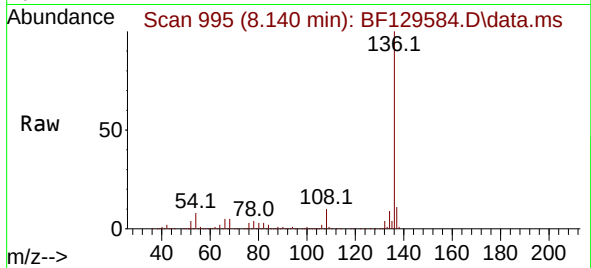




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

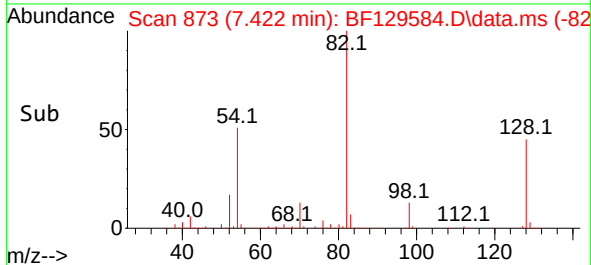
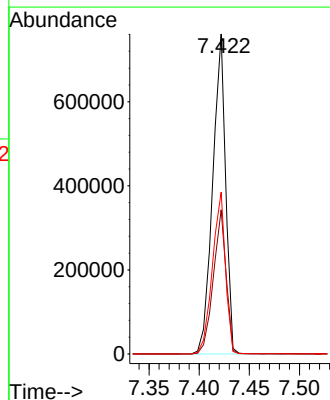
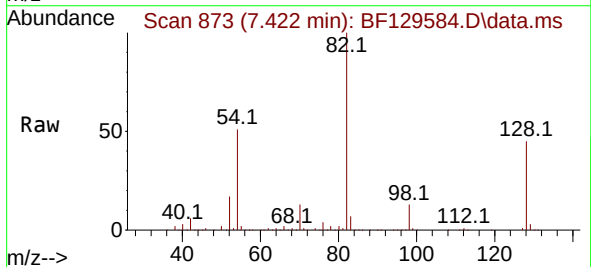
Instrument :
BNA_F
ClientSampleId :
RVE-118

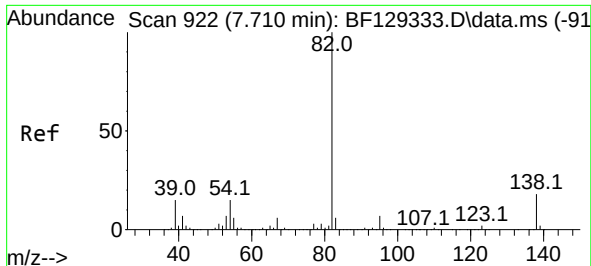
Tgt Ion:136 Resp: 618657
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.7 7.5 11.3
68 5.3 4.7 7.1



#23
Nitrobenzene-d5
Concen: 60.447 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

Tgt Ion: 82 Resp: 685048
Ion Ratio Lower Upper
82 100
128 45.1 34.0 51.0
54 50.6 46.9 70.3

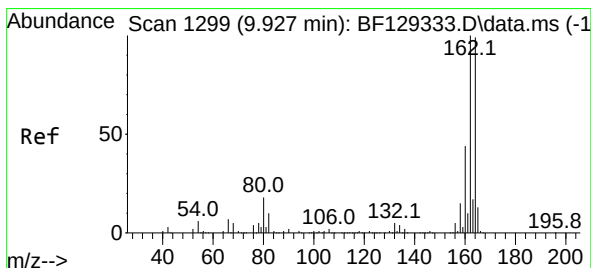
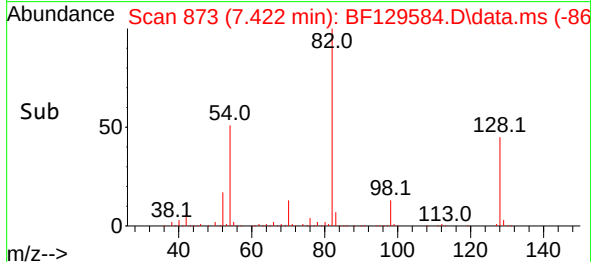
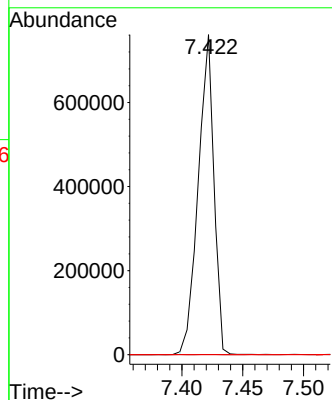
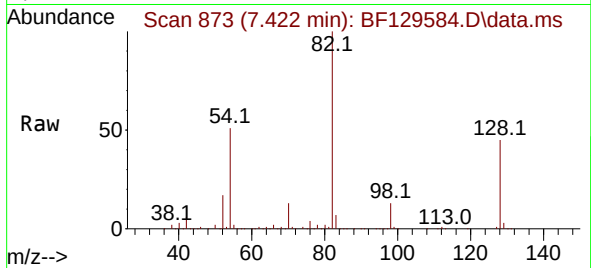




#25
Isophorone
Concen: 33.504 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

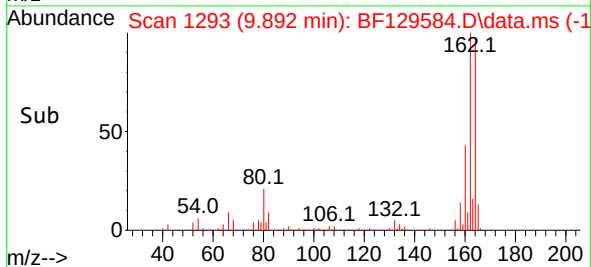
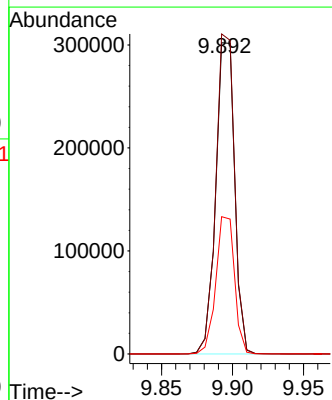
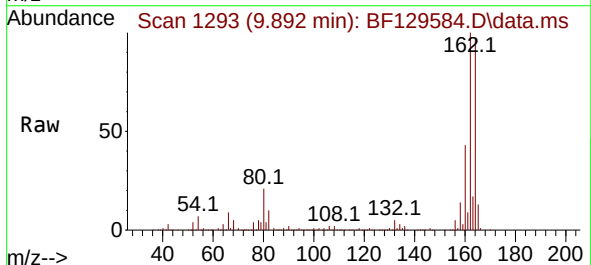
Instrument :
BNA_F
ClientSampleId :
RVE-118

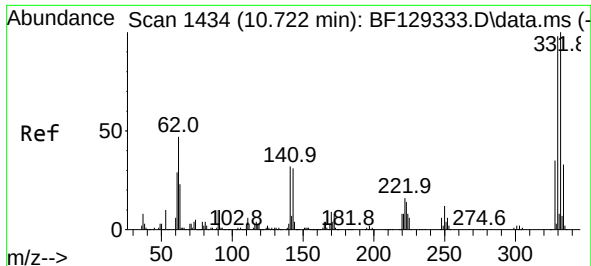
Tgt Ion: 82 Resp: 680623
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

Tgt Ion: 164 Resp: 279294
Ion Ratio Lower Upper
164 100
162 102.8 79.5 119.3
160 44.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 77.882 ng

RT: 10.692 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129584.D

Acq: 04 Aug 2022 23:12

Instrument :

BNA_F

ClientSampleId :

RVE-118

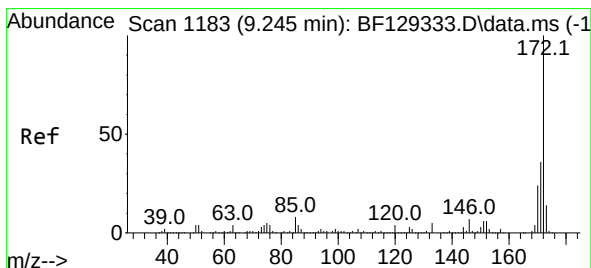
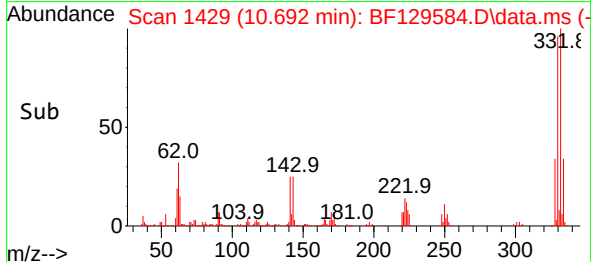
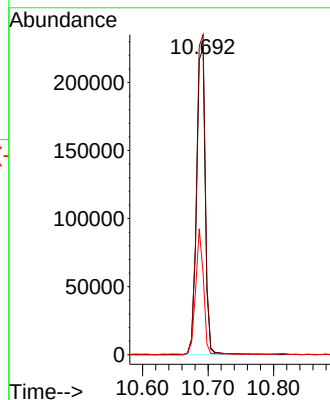
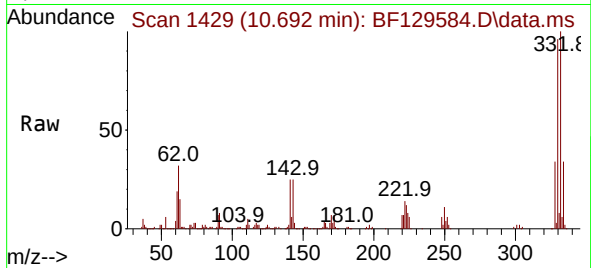
Tgt Ion:330 Resp: 209128

Ion Ratio Lower Upper

330 100

332 104.2 76.8 115.2

141 36.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 64.696 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF129584.D

Acq: 04 Aug 2022 23:12

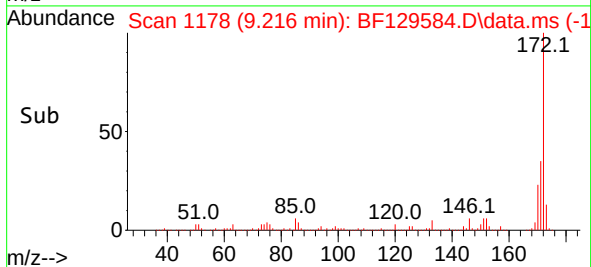
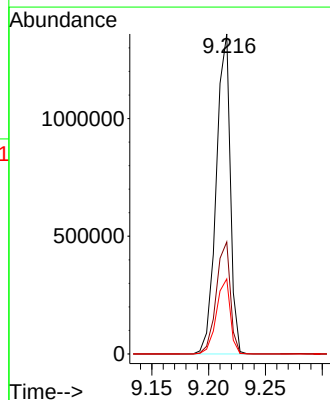
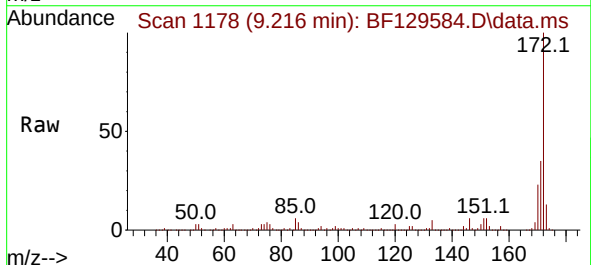
Tgt Ion:172 Resp: 1168055

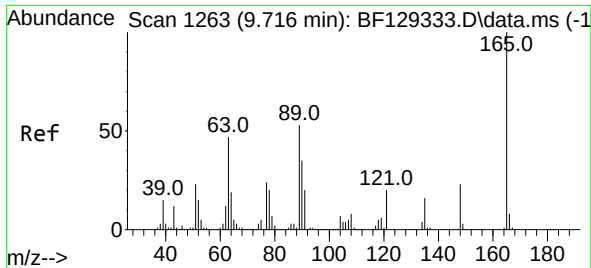
Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.5 19.8 29.8

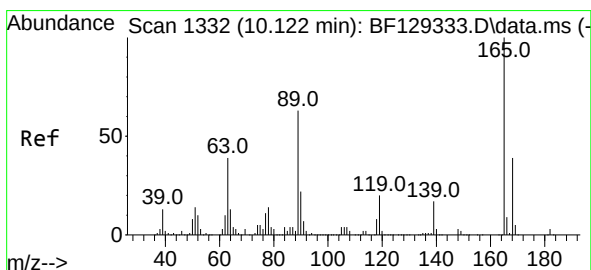
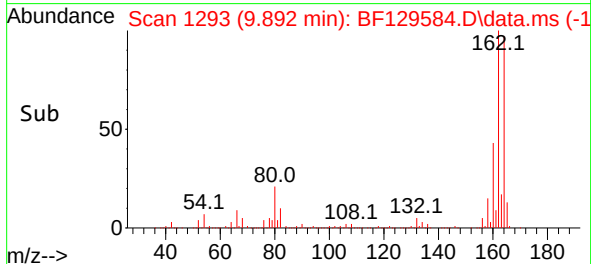
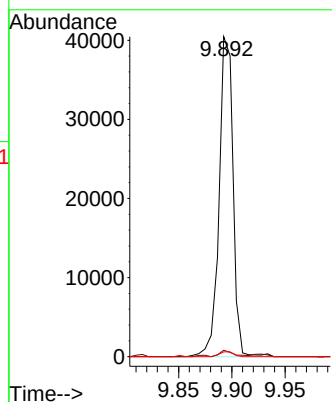
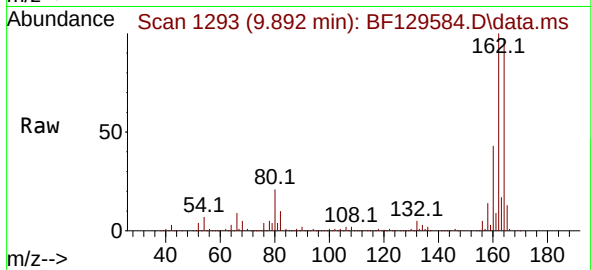




#51
2,6-Dinitrotoluene
Concen: 8.493 ng
RT: 9.892 min Scan# 1293
Delta R.T. 0.200 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

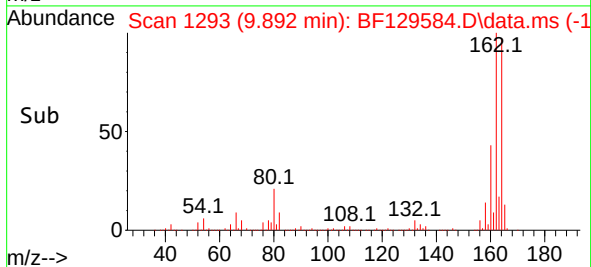
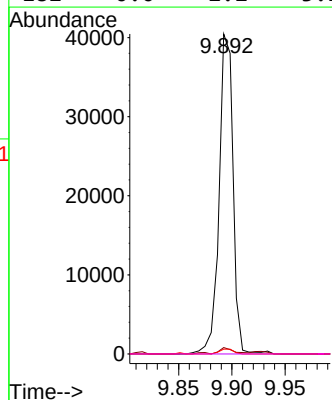
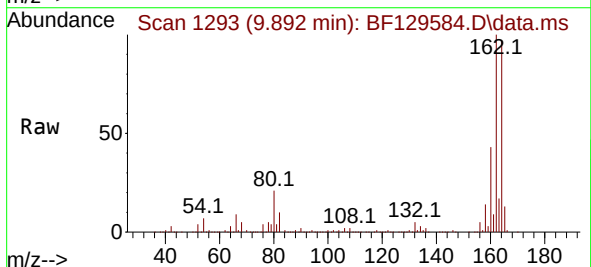
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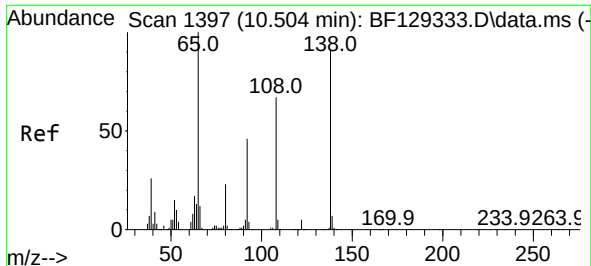
Tgt Ion:165 Resp: 36650
Ion Ratio Lower Upper
165 100
63 2.0 44.9 67.3#
89 1.5 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.501 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.206 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

Tgt Ion:165 Resp: 36650
Ion Ratio Lower Upper
165 100
63 2.0 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#

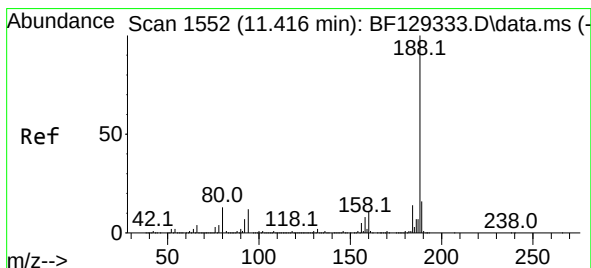
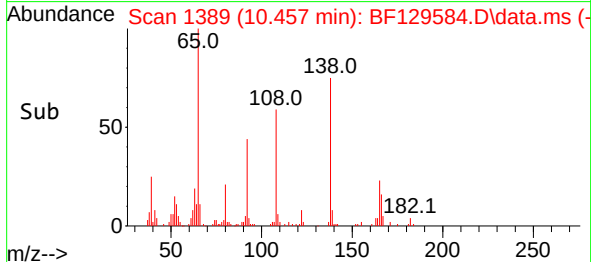
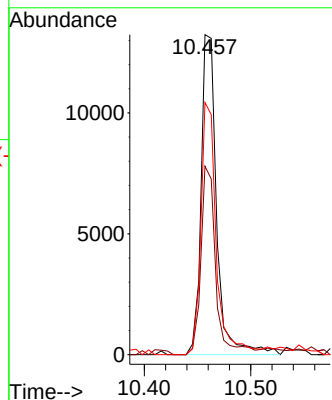
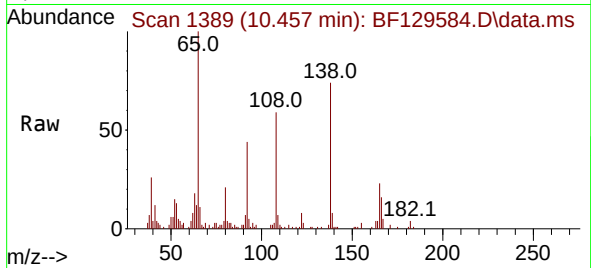




#62
4-Nitroaniline
Concen: 2.674 ng
RT: 10.457 min Scan# 11
Delta R.T. -0.029 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

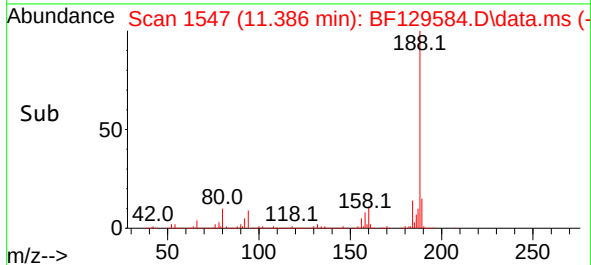
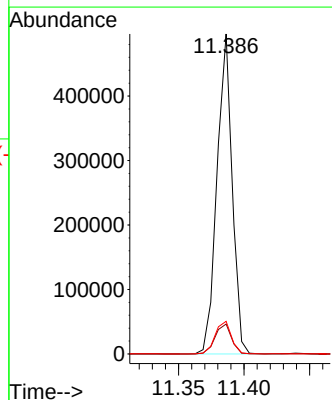
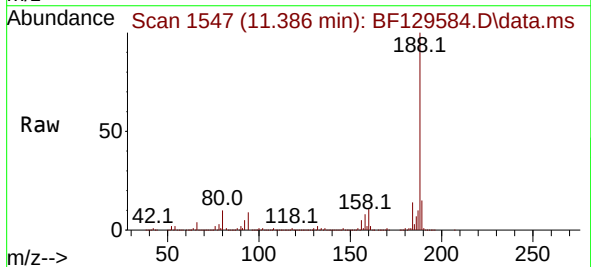
Instrument :
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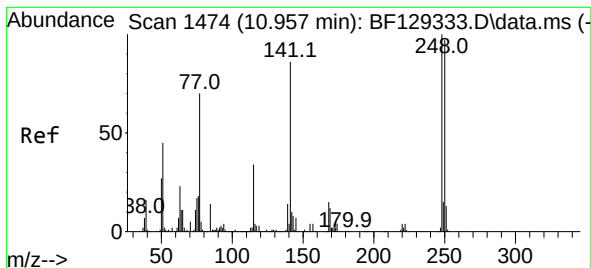
Tgt Ion:138 Resp: 13518
Ion Ratio Lower Upper
138 100
92 58.9 33.5 73.5
108 78.8 61.0 101.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

Tgt Ion:188 Resp: 399579
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.2 7.6 11.4

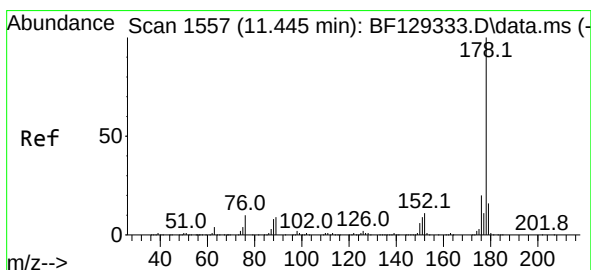
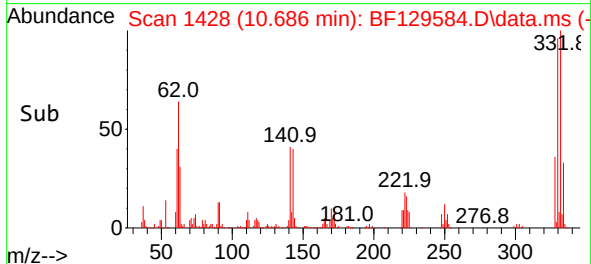
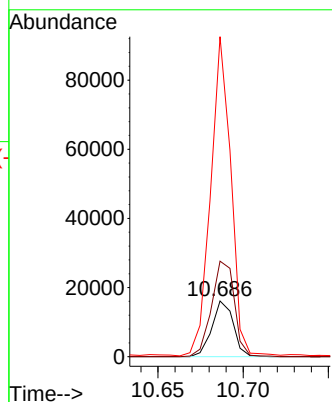
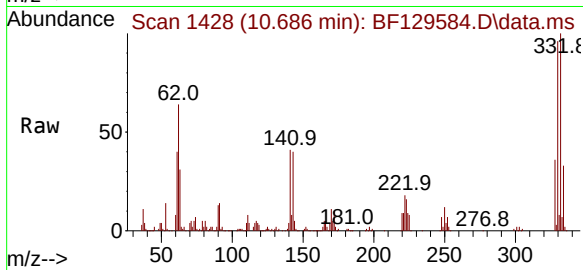




#67
4-Bromophenyl-phenylether
Concen: 3.221 ng
RT: 10.686 min Scan# 1474
Delta R.T. -0.247 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

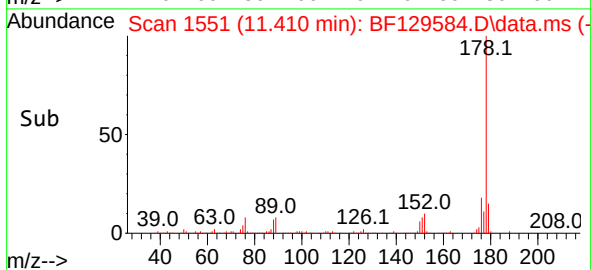
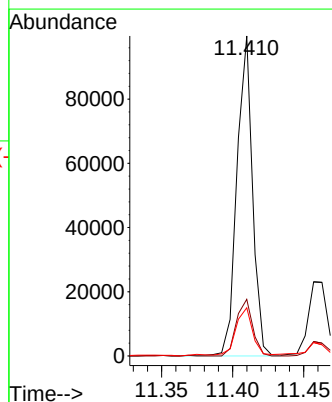
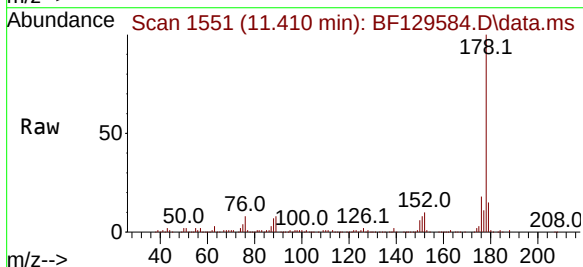
Instrument :
BNA_F
ClientSampleId :
RVE-118

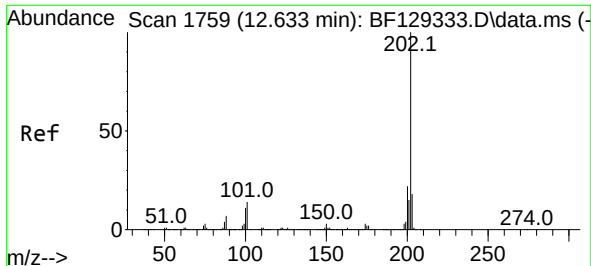
Tgt Ion:248 Resp: 14093
Ion Ratio Lower Upper
248 100
250 171.2 80.6 120.8#
141 573.9 58.9 88.3#



#71
Phenanthrene
Concen: 3.499 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.012 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

Tgt Ion:178 Resp: 76330
Ion Ratio Lower Upper
178 100
176 17.7 16.0 24.0
179 15.1 12.6 19.0

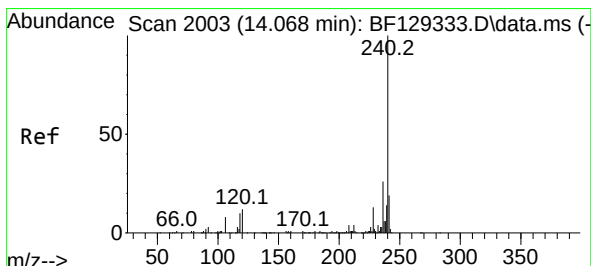
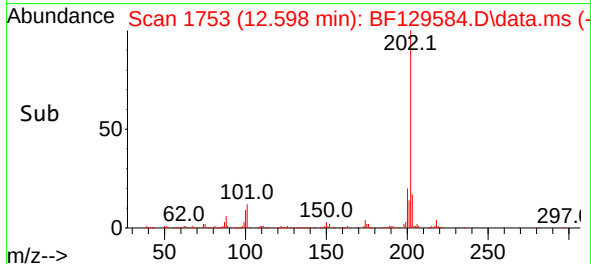
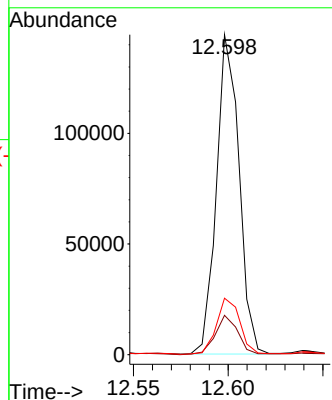
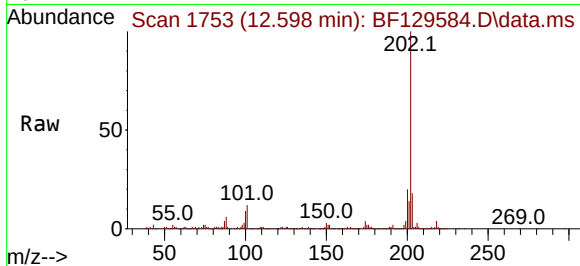




#75
Fluoranthene
Concen: 5.422 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

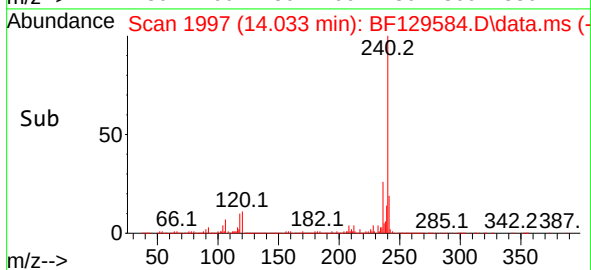
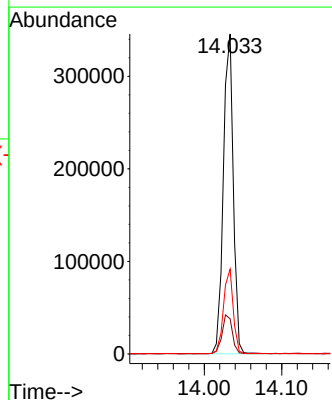
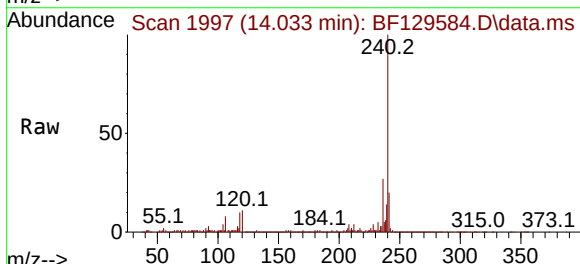
Instrument :
BNA_F
ClientSampleId :
RVE-118

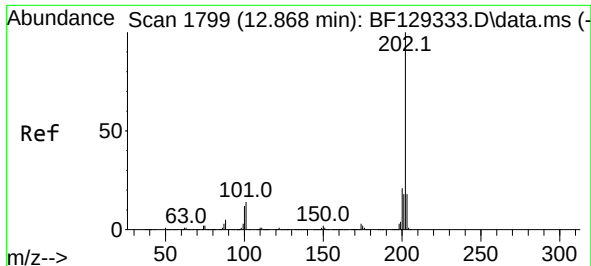
Tgt Ion:202 Resp: 119826
Ion Ratio Lower Upper
202 100
101 12.3 0.0 31.4
203 17.7 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

Tgt Ion:240 Resp: 307621
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 26.5 20.8 31.2

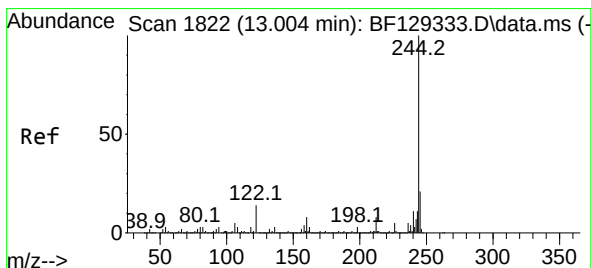
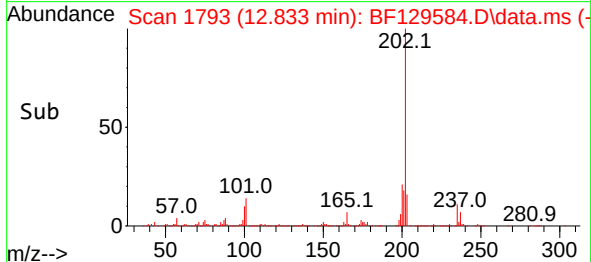
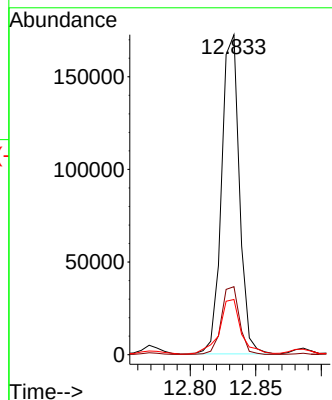
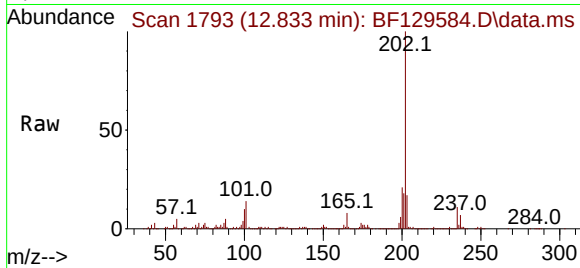




#78
Pyrene
Concen: 6.339 ng
RT: 12.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

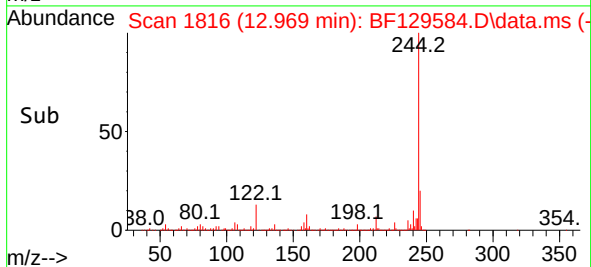
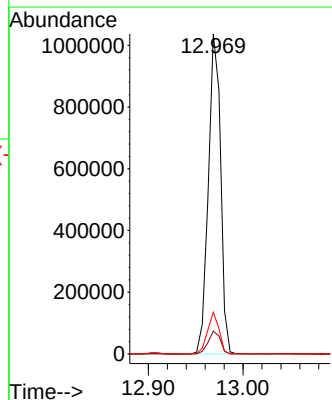
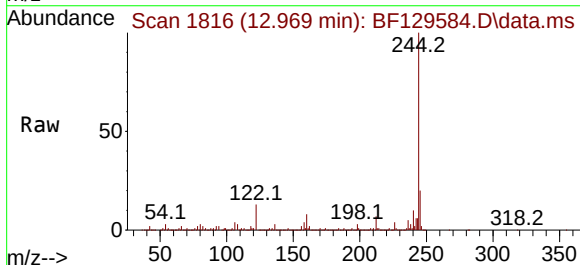
Instrument :
BNA_F
ClientSampleId :
RVE-118

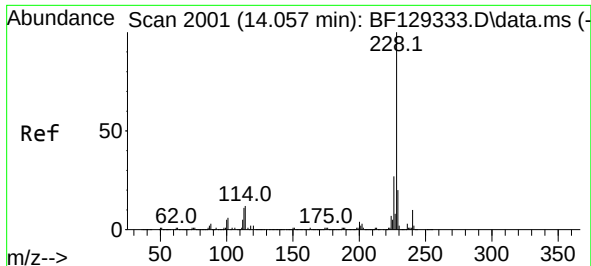
Tgt Ion:202 Resp: 163054
Ion Ratio Lower Upper
202 100
200 21.3 17.7 26.5
203 17.2 14.6 21.8



#79
Terphenyl-d14
Concen: 57.050 ng
RT: 12.969 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

Tgt Ion:244 Resp: 930236
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 13.1 8.8 13.2

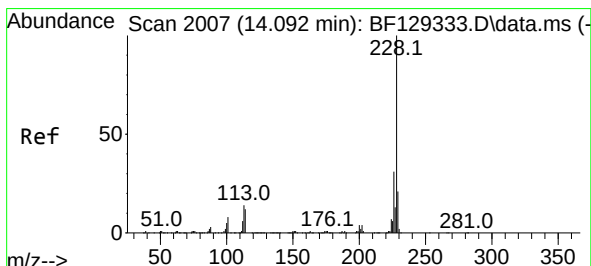
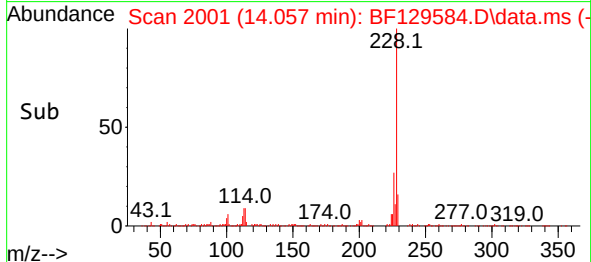
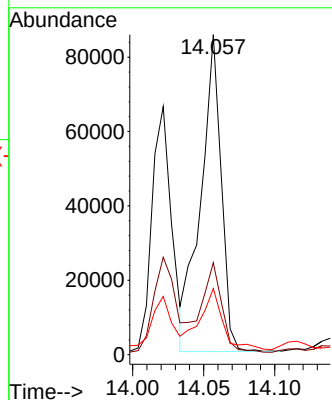
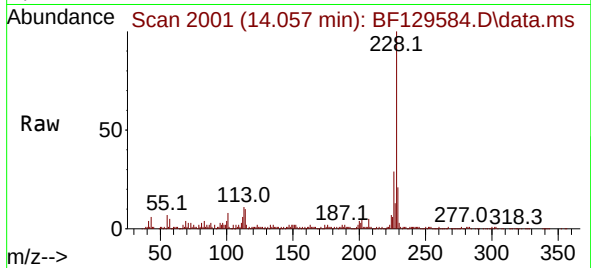




#81
Benzo(a)anthracene
Concen: 4.083 ng
RT: 14.057 min Scan# 2001
Delta R.T. 0.029 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

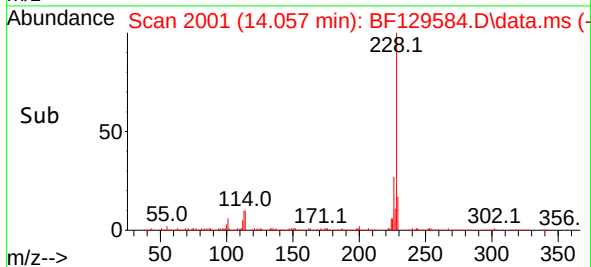
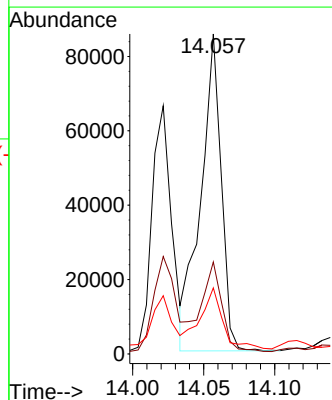
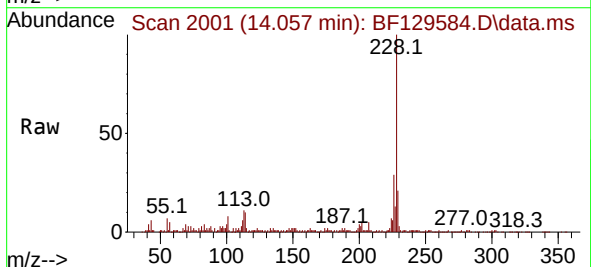
Instrument :
BNA_F
ClientSampleId :
RVE-118

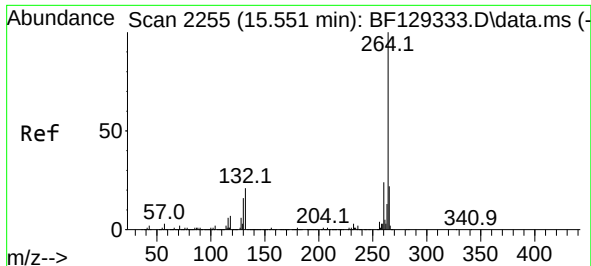
Tgt Ion:228 Resp: 85790
Ion Ratio Lower Upper
228 100
226 28.8 22.1 33.1
229 20.6 15.8 23.8



#83
Chrysene
Concen: 4.332 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

Tgt Ion:228 Resp: 85790
Ion Ratio Lower Upper
228 100
226 28.8 24.3 36.5
229 20.6 15.9 23.9

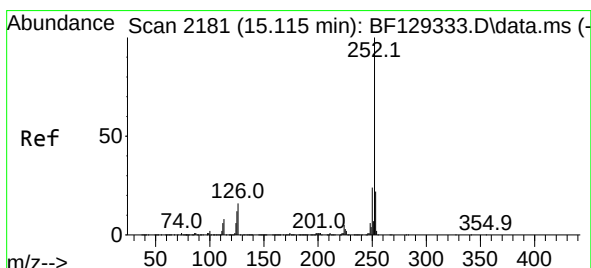
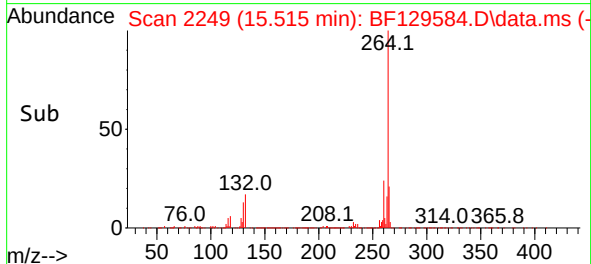
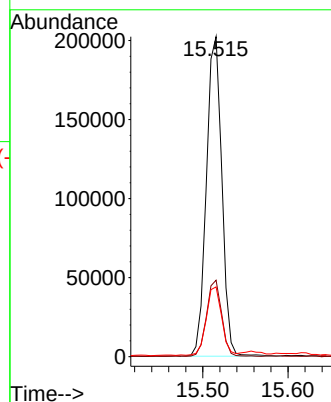
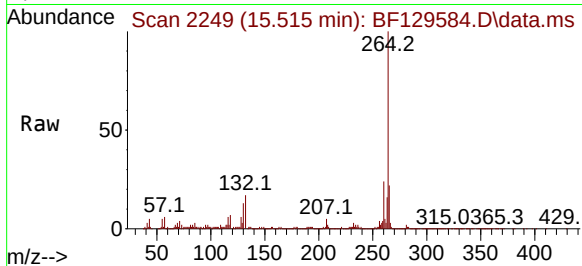




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2174
 Delta R.T. 0.000 min
 Lab File: BF129584.D
 Acq: 04 Aug 2022 23:12

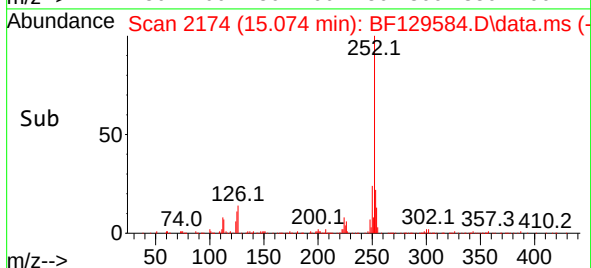
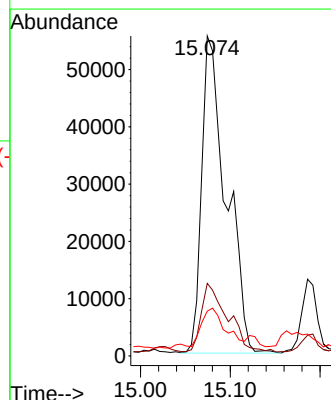
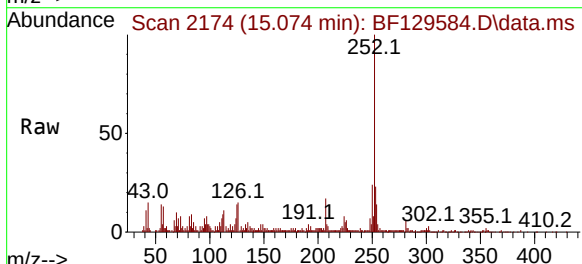
Instrument :
 BNA_F
 ClientSampleId :
 RVE-118

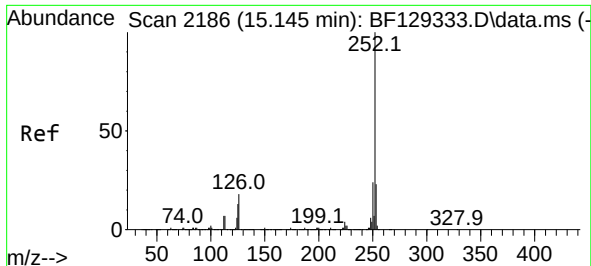
Tgt Ion:264 Resp: 254664
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 21.8 17.2 25.8



#88
 Benzo(b)fluoranthene
 Concen: 6.221 ng
 RT: 15.074 min Scan# 2174
 Delta R.T. -0.012 min
 Lab File: BF129584.D
 Acq: 04 Aug 2022 23:12

Tgt Ion:252 Resp: 105090
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.7 26.5
 125 14.0 8.0 12.0#

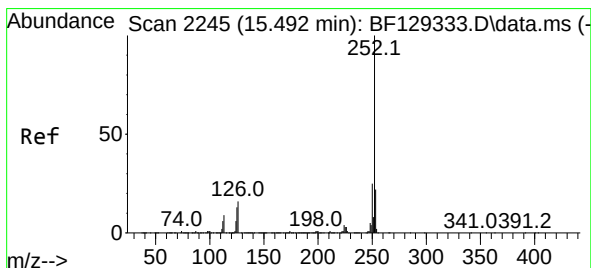
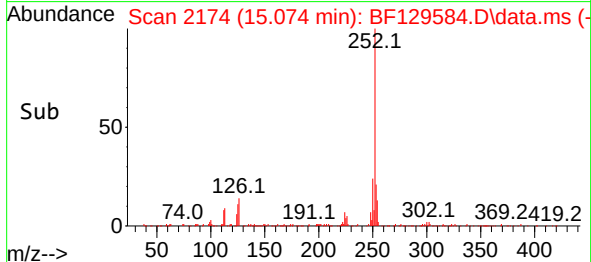
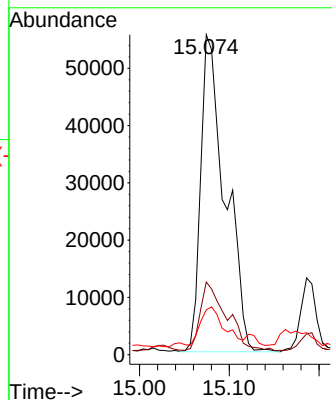
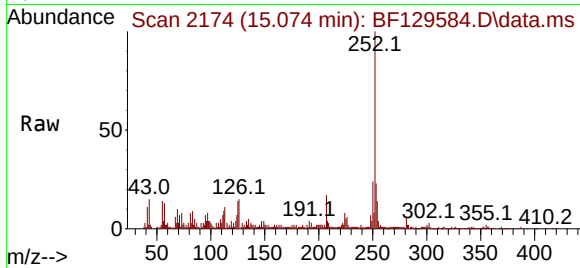




#89
Benzo(k)fluoranthene
Concen: 6.348 ng
RT: 15.074 min Scan# 2186
Delta R.T. -0.041 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

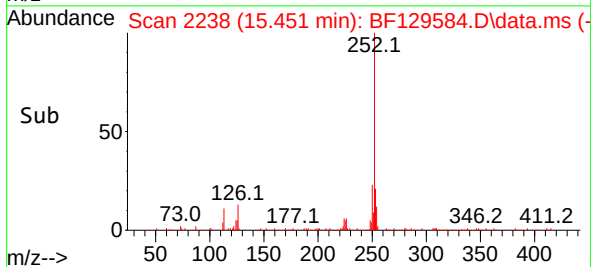
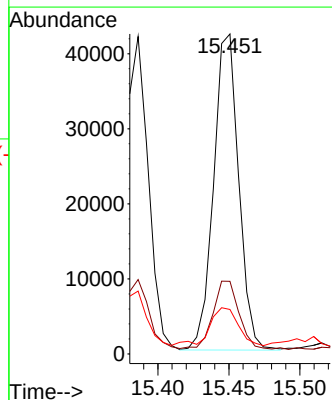
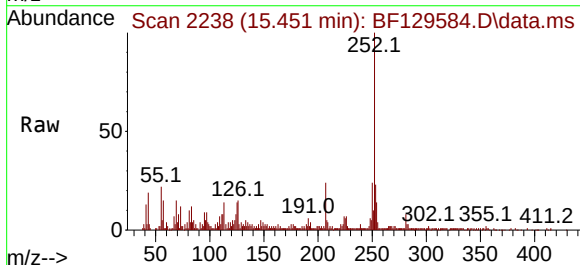
Instrument :
BNA_F
ClientSampleId :
RVE-118

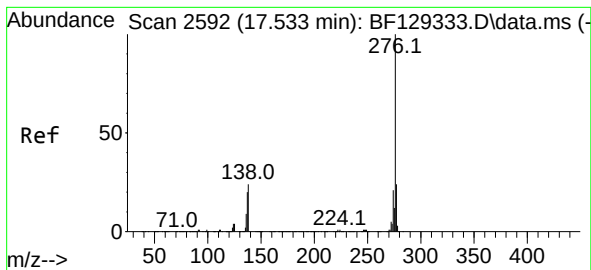
Tgt Ion:252 Resp: 105090
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 14.0 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 3.776 ng
RT: 15.451 min Scan# 2238
Delta R.T. -0.006 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

Tgt Ion:252 Resp: 51786
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 13.9 8.8 13.2#





#92

Benzo(g,h,i)perylene

Concen: 2.524 ng

RT: 17.457 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF129584.D

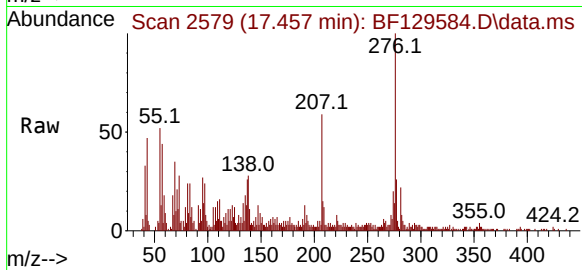
Acq: 04 Aug 2022 23:12

Instrument :

BNA_F

ClientSampleId :

RVE-118



Tgt Ion:276 Resp: 36006

Ion Ratio Lower Upper

276 100

277 25.9 19.1 28.7

138 28.3 18.0 27.0#

