

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022221\
 Data File : BN013729.D
 Acq On : 22 Feb 2021 14:04
 Operator : CG/JU
 Sample : M1457-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-70-85-021821

Quant Time: Feb 22 14:35:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 18 10:50:10 2021
 Response via : Initial Calibration

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

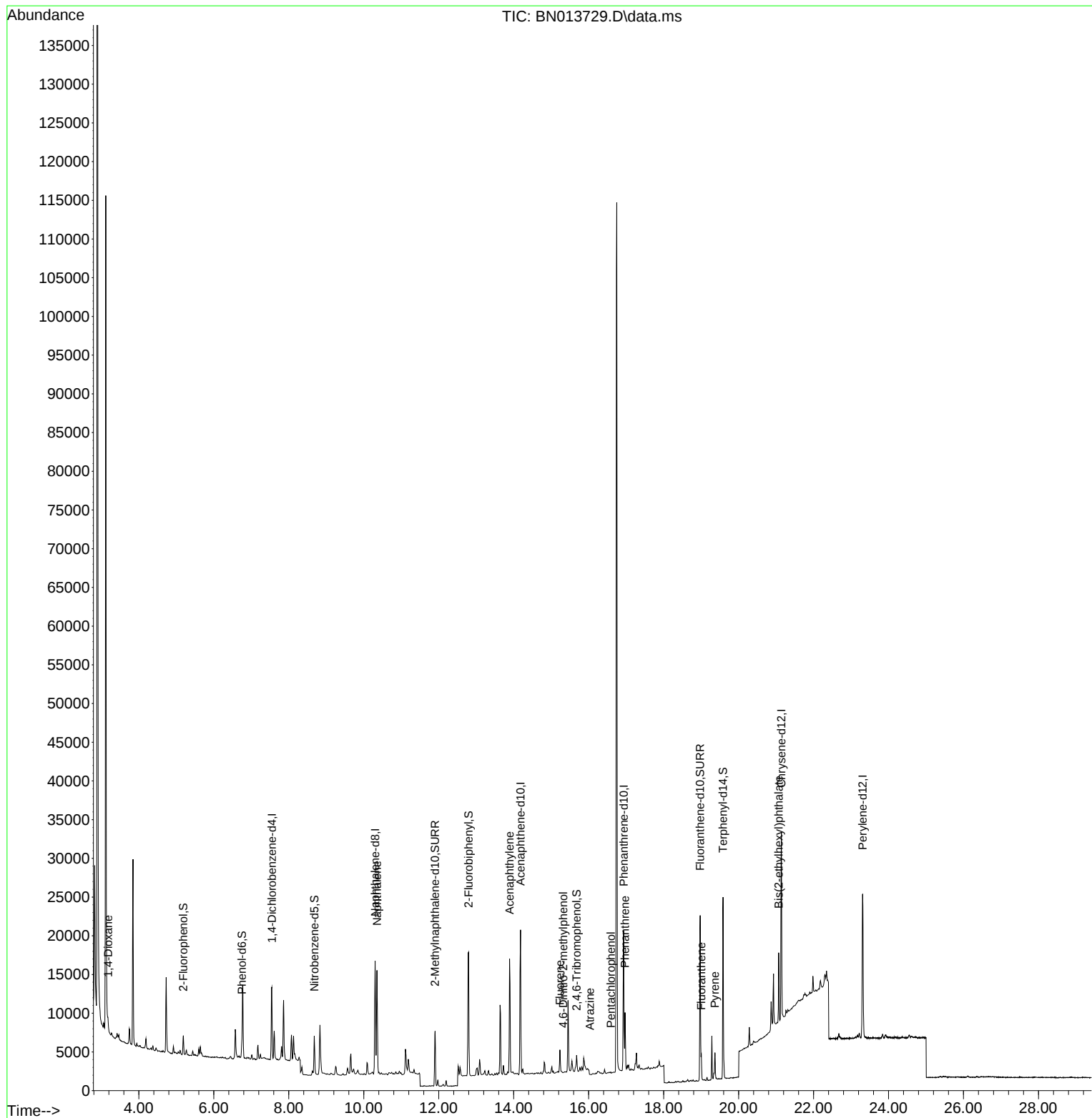
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	4693	0.40	ng	0.00
7) Naphthalene-d8	10.302	136	18872	0.40	ng	0.00
13) Acenaphthene-d10	14.181	164	11119	0.40	ng	0.00
19) Phenanthrene-d10	16.934	188	24000	0.40	ng	# 0.00
29) Chrysene-d12	21.144	240	24273	0.40	ng	# 0.01
36) Perylene-d12	23.311	264	23972	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.188	112	1955	0.19	ng	0.00
5) Phenol-d6	6.750	99	1436	0.11	ng	0.02
8) Nitrobenzene-d5	8.680	82	3934	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.902	152	9717	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	1541	0.49	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	14789	0.35	ng	0.00
27) Fluoranthene-d10	18.975	212	23852	0.37	ng	0.00
31) Terphenyl-d14	19.586	244	23692	0.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.182	88	754	0.14	ng	# 34
9) Naphthalene	10.353	128	16797	0.36	ng	99
16) Acenaphthylene	13.889	152	17848	0.42	ng	100
18) Fluorene	15.234	166	1858	0.05	ng	# 84
20) 4,6-Dinitro-2-methylph...	15.323	198	14	0.16	ng	# 1
23) Atrazine	16.033	200	241	0.03	ng	# 1
24) Pentachlorophenol	16.593	266	80	0.22	ng	# 53
25) Phenanthrene	16.970	178	7544	0.12	ng	99
28) Fluoranthene	19.005	202	2842	0.04	ng	98
30) Pyrene	19.367	202	3047	0.04	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.069	149	7736	0.41	ng	100

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

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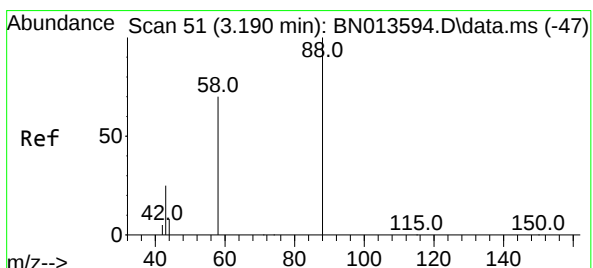
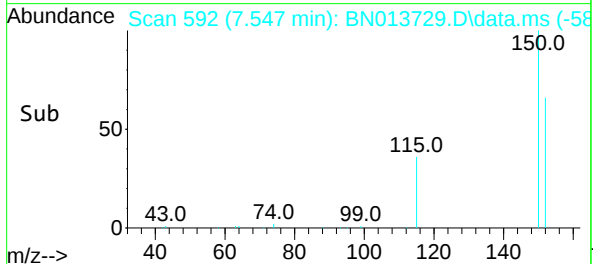
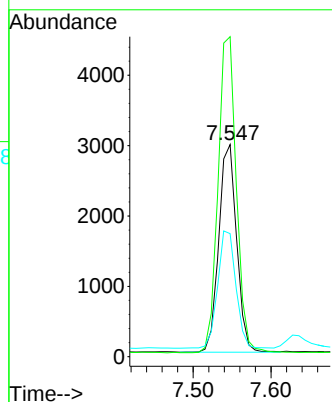
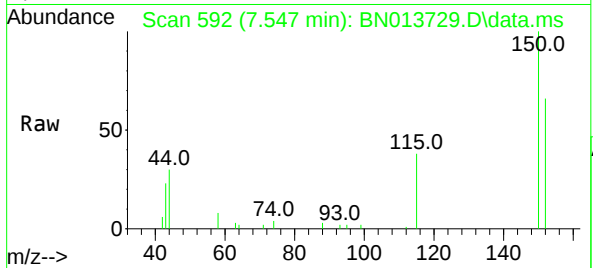




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.547 min Scan# 592
 Delta R.T. 0.000 min
 Lab File: BN013729.D
 Acq: 22 Feb 2021 14:04

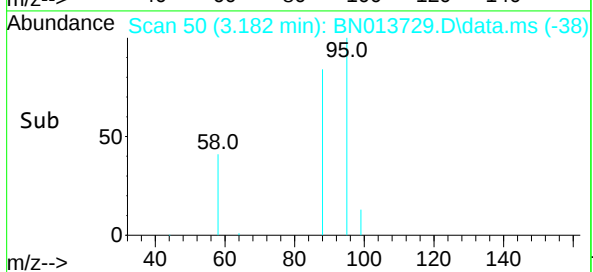
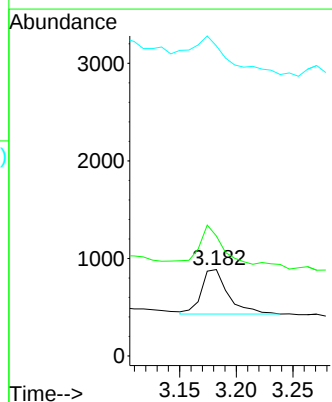
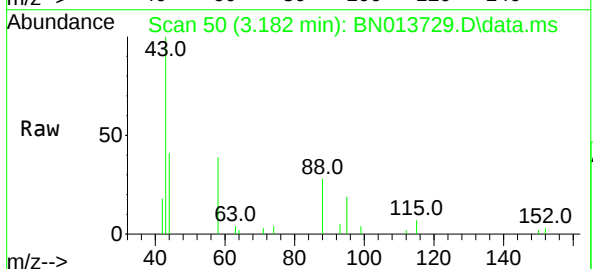
Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-70-85-021821

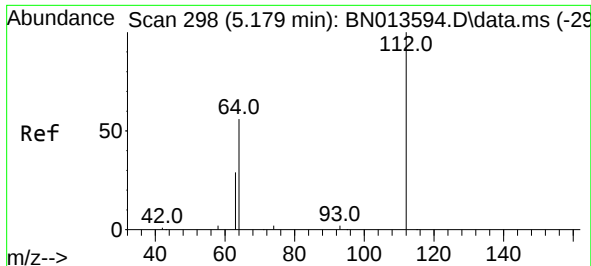
Tgt Ion:152 Resp: 4693
 Ion Ratio Lower Upper
 152 100
 150 150.8 121.8 182.8
 115 58.0 46.6 69.8



#2
 1,4-Dioxane
 Concen: 0.14 ng
 RT: 3.182 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: BN013729.D
 Acq: 22 Feb 2021 14:04

Tgt Ion: 88 Resp: 754
 Ion Ratio Lower Upper
 88 100
 58 112.2 64.6 96.8#
 43 113.3 26.6 40.0#

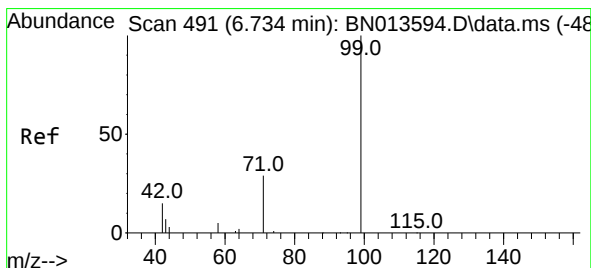
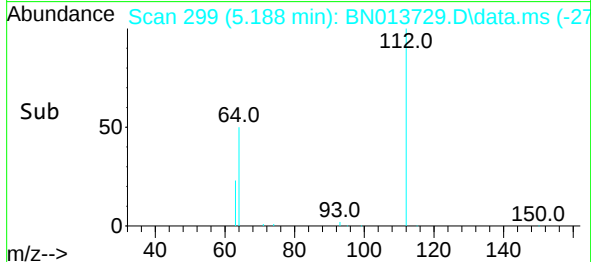
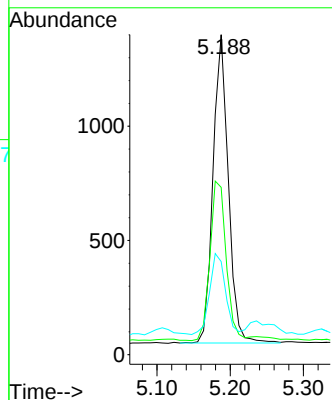
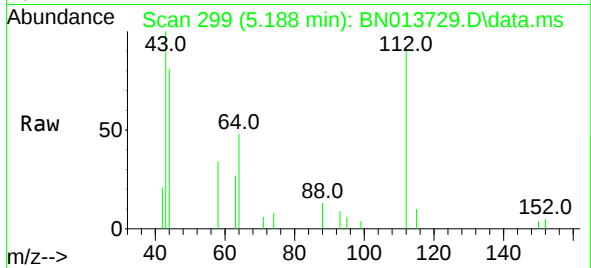




#4
2-Fluorophenol
Concen: 0.19 ng
RT: 5.188 min Scan# 299
Delta R.T. 0.008 min
Lab File: BN013729.D
Acq: 22 Feb 2021 14:04

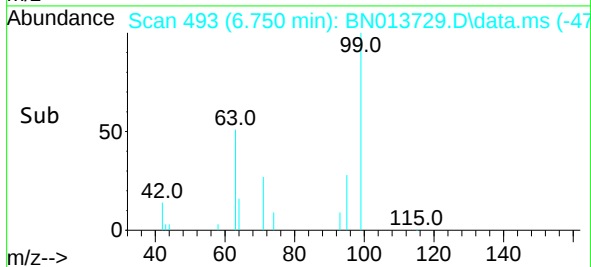
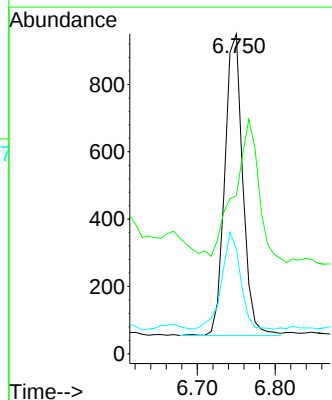
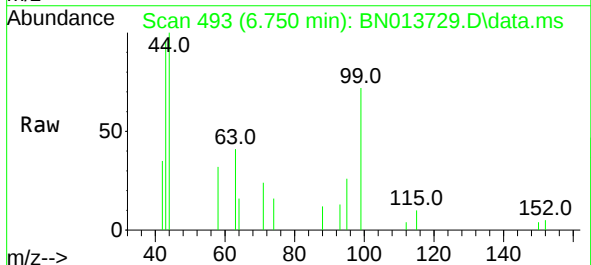
Instrument :
BNA_N
ClientSampleId :
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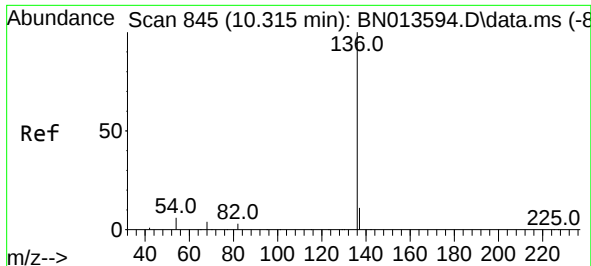
Tgt Ion:112 Resp: 1955
Ion Ratio Lower Upper
112 100
64 54.9 44.3 66.5
63 27.2 23.0 34.6



#5
Phenol-d6
Concen: 0.11 ng
RT: 6.750 min Scan# 493
Delta R.T. 0.024 min
Lab File: BN013729.D
Acq: 22 Feb 2021 14:04

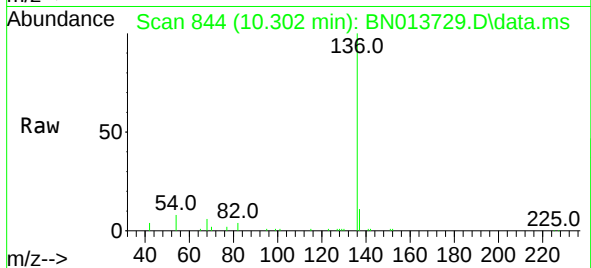
Tgt Ion: 99 Resp: 1436
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 33.4 26.1 39.1



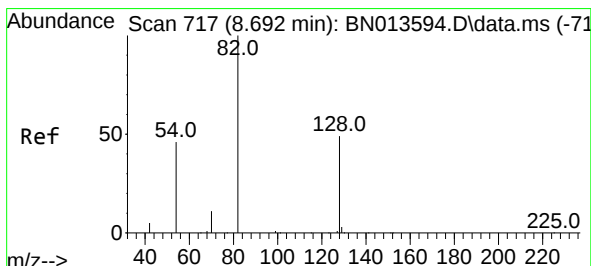
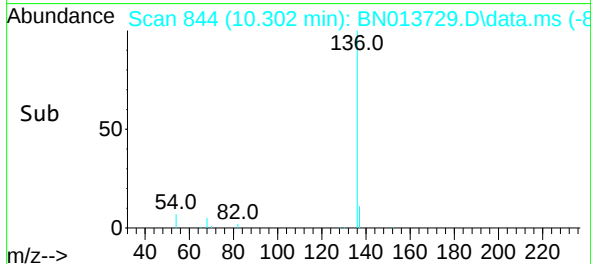
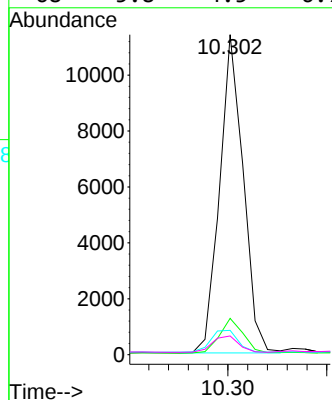


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.302 min Scan# 844
Delta R.T. -0.000 min
Lab File: BN013729.D
Acq: 22 Feb 2021 14:04

Instrument :
BNA_N
ClientSampleId :
GWBR1-70-85-021821

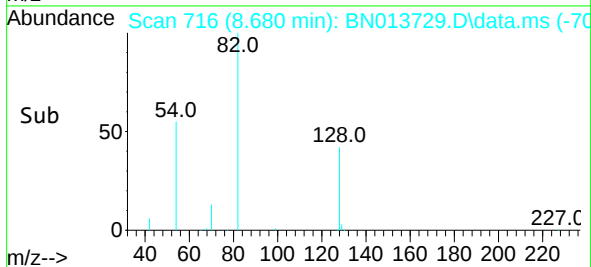
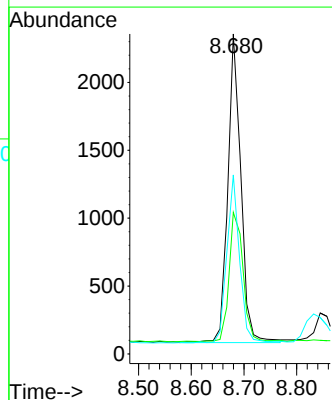
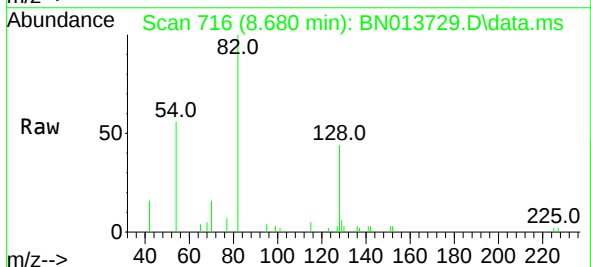


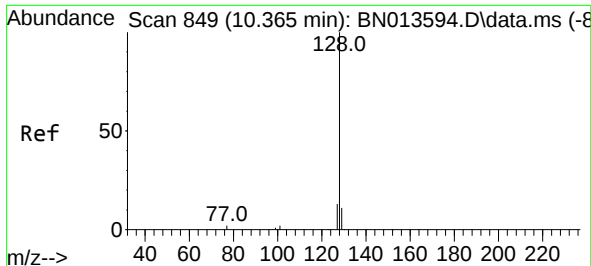
Tgt Ion:136	Resp:	18872
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.0 13.6
54	7.6	6.4 9.6
68	5.8	4.5 6.7



#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.680 min Scan# 716
Delta R.T. -0.000 min
Lab File: BN013729.D
Acq: 22 Feb 2021 14:04

Tgt Ion: 82	Resp:	3934
Ion Ratio	Lower	Upper
82	100	
128	44.3	39.2 58.8
54	56.0	40.1 60.1

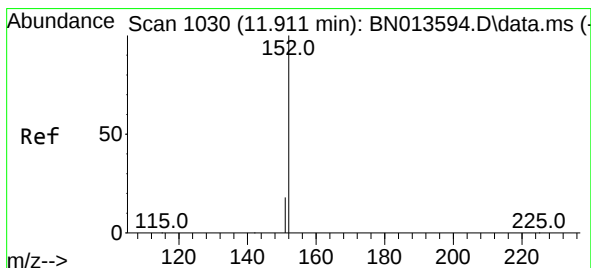
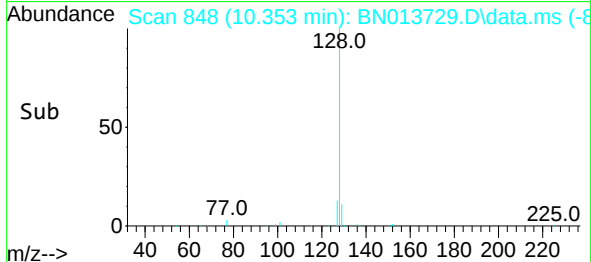
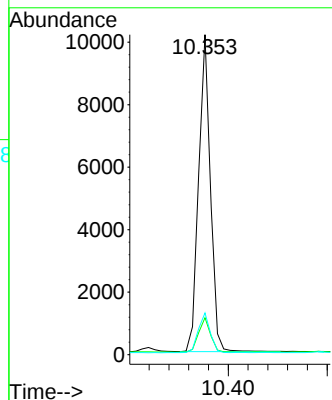
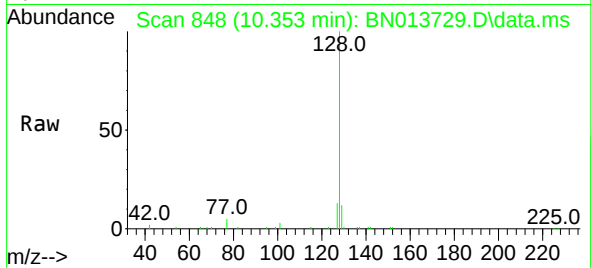




#9
Naphthalene
Concen: 0.36 ng
RT: 10.353 min Scan# 848
Delta R.T. -0.000 min
Lab File: BN013729.D
Acq: 22 Feb 2021 14:04

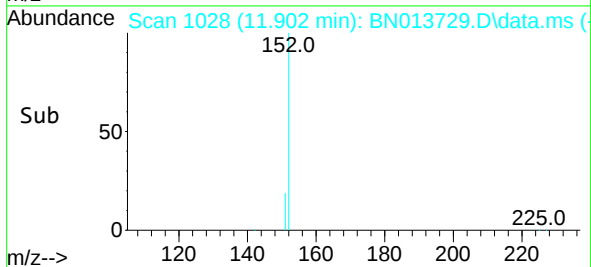
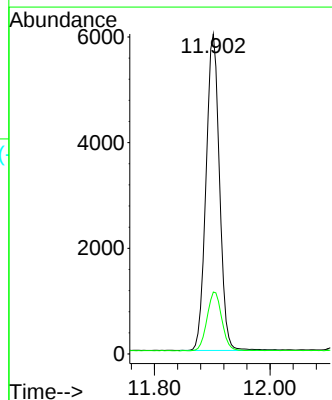
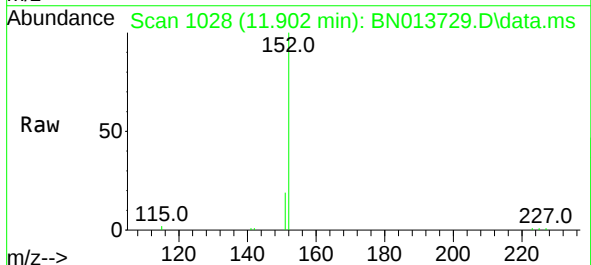
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BNA_N
ClientSampleId :
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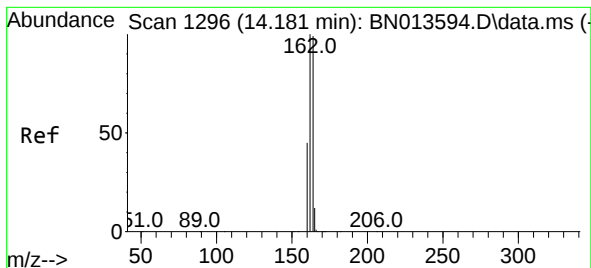
Tgt Ion:128 Resp: 16797
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.1 10.4 15.6



#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 11.902 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BN013729.D
Acq: 22 Feb 2021 14:04

Tgt Ion:152 Resp: 9717
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2

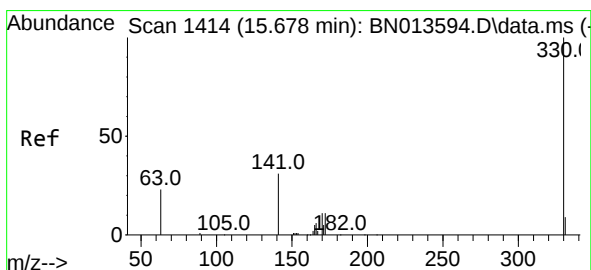
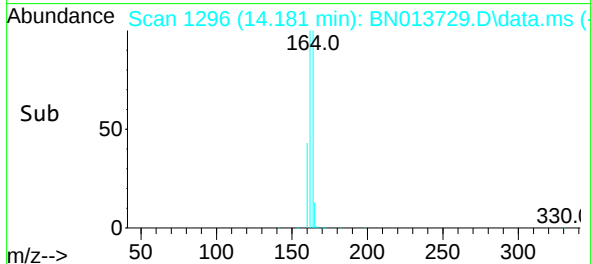
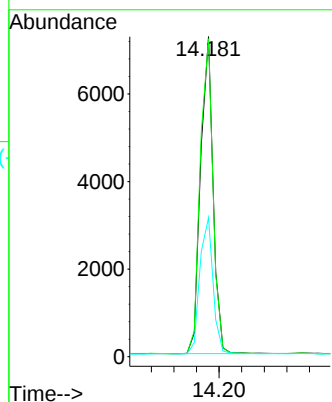
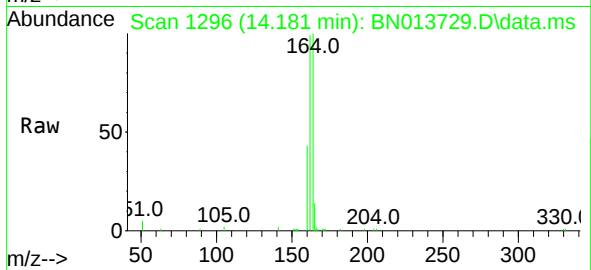




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BN013729.D
Acq: 22 Feb 2021 14:04

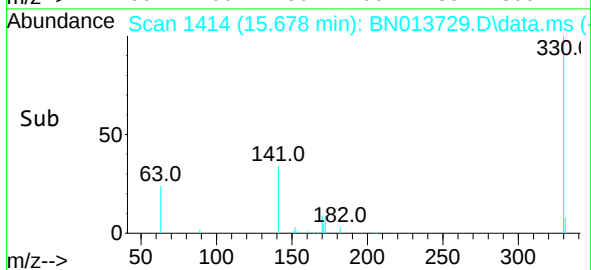
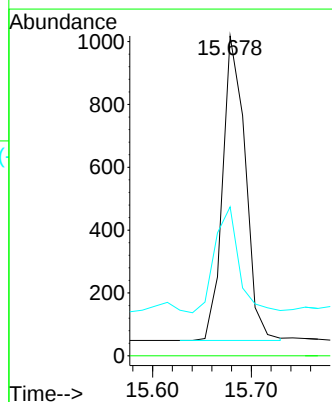
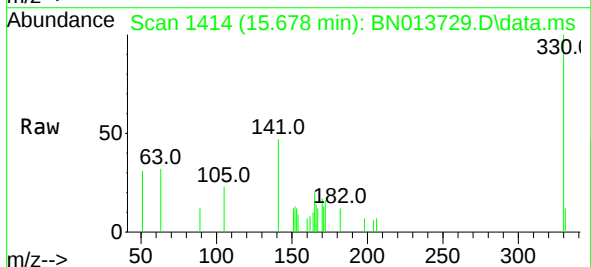
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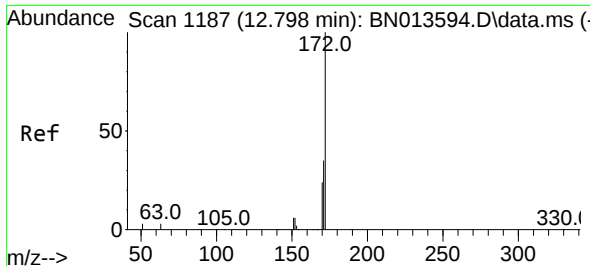
Tgt Ion:164 Resp: 11119
Ion Ratio Lower Upper
164 100
162 99.3 79.6 119.4
160 43.5 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.49 ng
RT: 15.678 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN013729.D
Acq: 22 Feb 2021 14:04

Tgt Ion:330 Resp: 1541
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.3 26.8 40.2

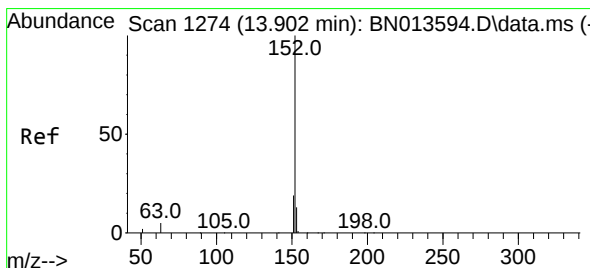
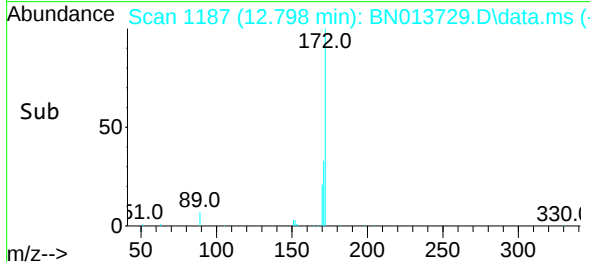
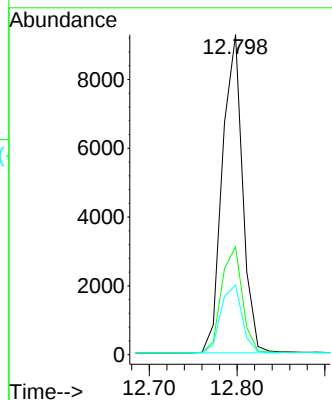
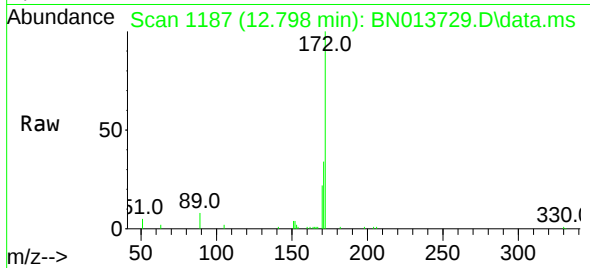




#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.798 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BN013729.D
Acq: 22 Feb 2021 14:04

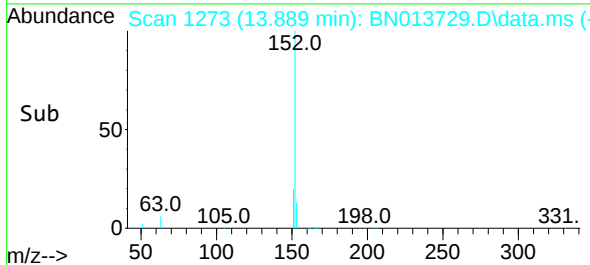
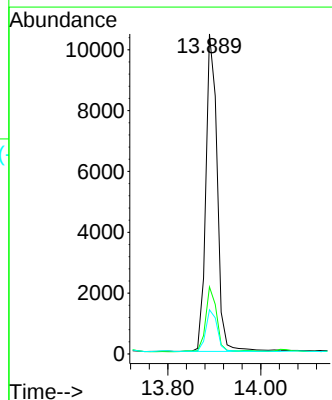
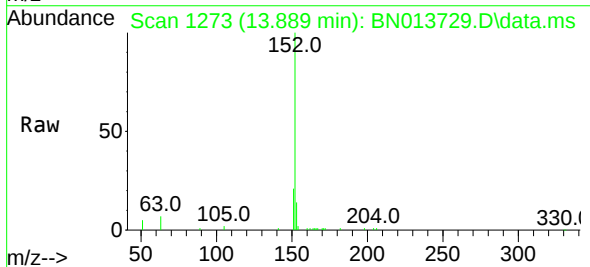
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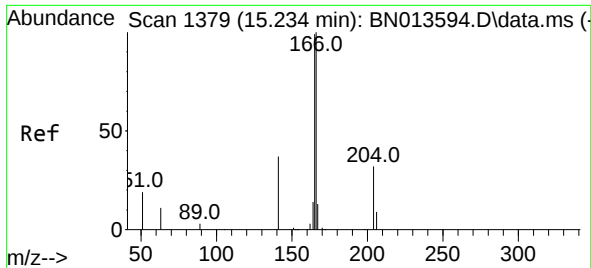
Tgt Ion:	172	Resp:	14789
Ion Ratio	Lower	Upper	
172	100		
171	33.7	28.6	42.8
170	21.7	18.9	28.3



#16
Acenaphthylene
Concen: 0.42 ng
RT: 13.889 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BN013729.D
Acq: 22 Feb 2021 14:04

Tgt Ion:	152	Resp:	17848
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.7	23.5
153	13.3	10.5	15.7

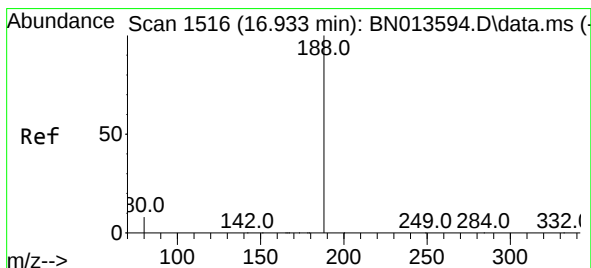
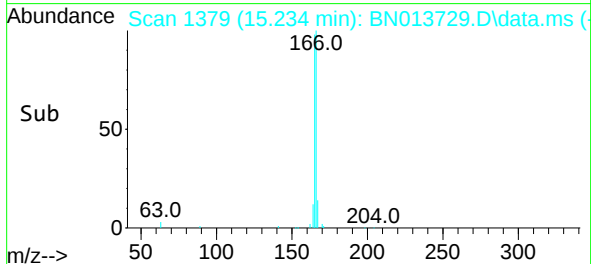
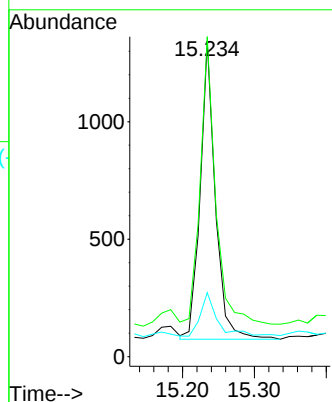
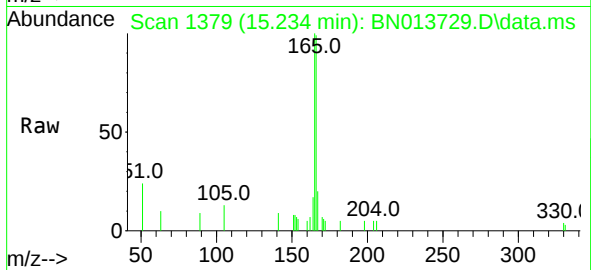




#18
Fluorene
Concen: 0.05 ng
RT: 15.234 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BN013729.D
Acq: 22 Feb 2021 14:04

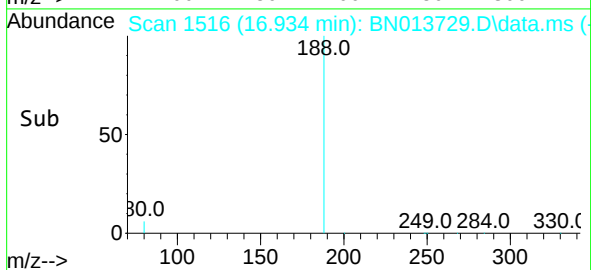
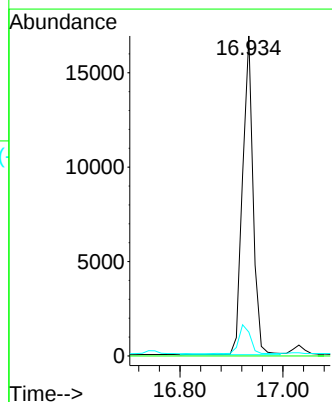
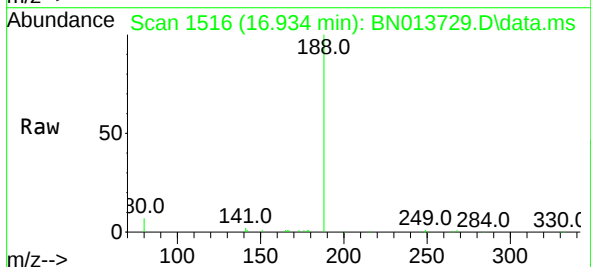
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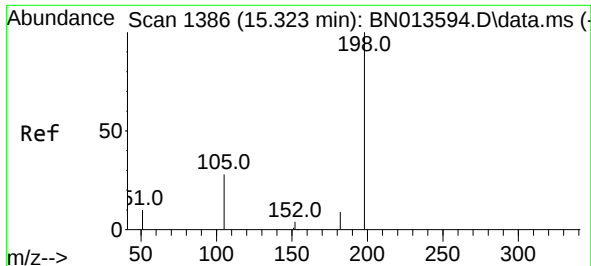
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Ion Ratio Lower Upper
166 100
165 114.3 77.8 116.8
167 16.0 10.6 16.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.934 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BN013729.D
Acq: 22 Feb 2021 14:04

Tgt Ion:188 Resp: 24000
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 9.0 13.6#

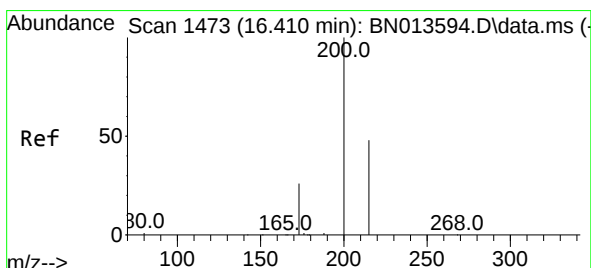
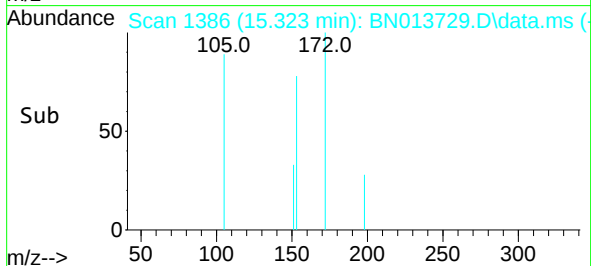
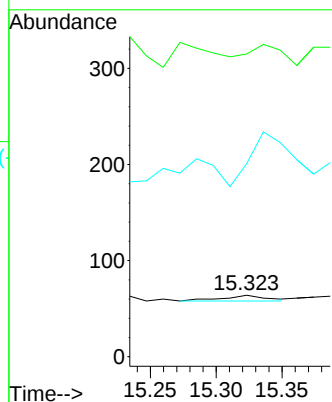
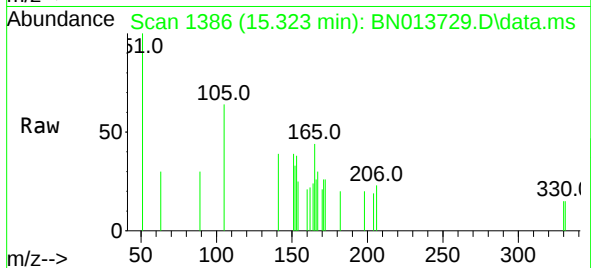




#20
4,6-Dinitro-2-methylphenol
Concen: 0.16 ng
RT: 15.323 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BN013729.D
Acq: 22 Feb 2021 14:04

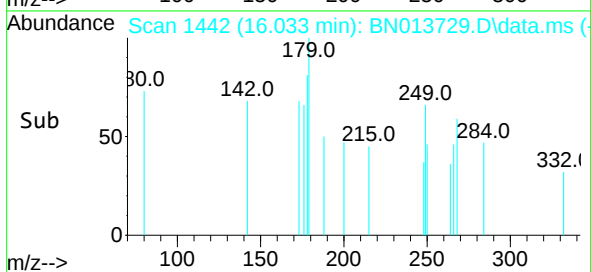
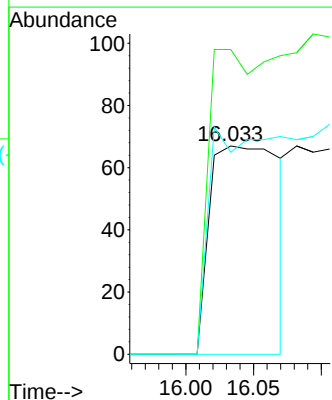
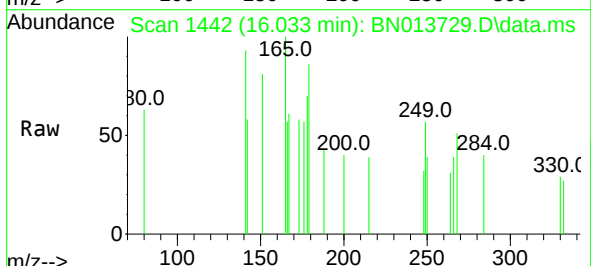
Instrument :
BNA_N
ClientSampleId :
GWBR1-70-85-021821

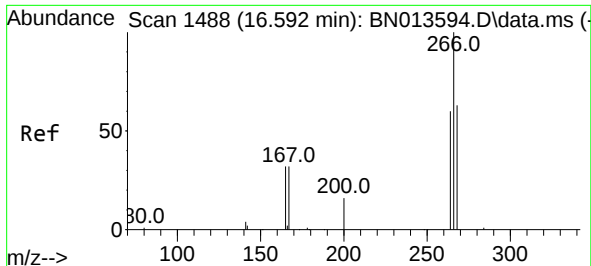
Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 492.2 61.7 92.5#
105 314.1 33.0 49.6#



#23
Atrazine
Concen: 0.03 ng
RT: 16.033 min Scan# 1442
Delta R.T. -0.377 min
Lab File: BN013729.D
Acq: 22 Feb 2021 14:04

Tgt Ion:200 Resp: 241
Ion Ratio Lower Upper
200 100
173 146.3 18.6 28.0#
215 97.0 41.0 61.6#

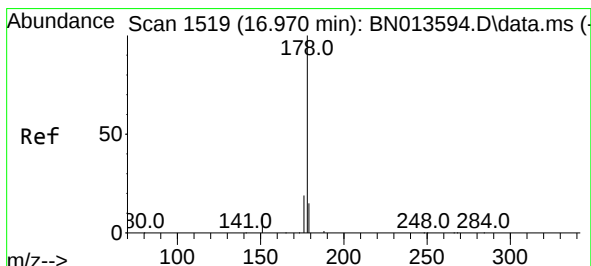
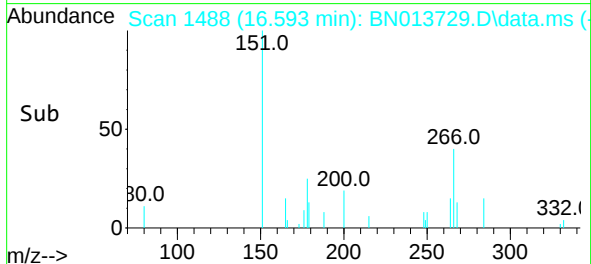
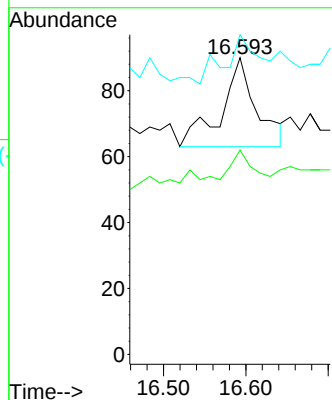
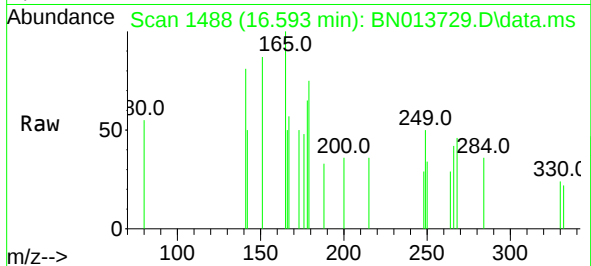




#24
Pentachlorophenol
Concen: 0.22 ng
RT: 16.593 min Scan# 1488
Delta R.T. 0.013 min
Lab File: BN013729.D
Acq: 22 Feb 2021 14:04

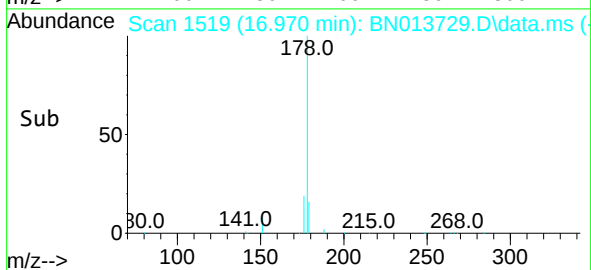
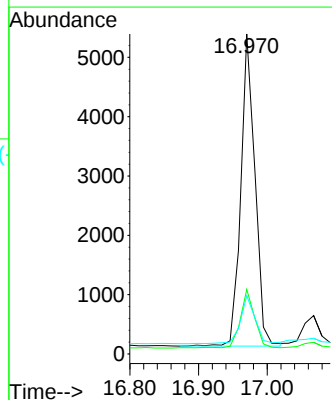
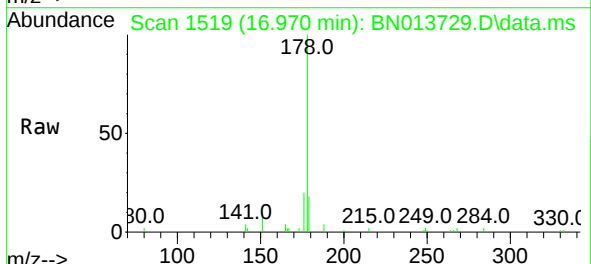
Instrument :
BNA_N
ClientSampleId :
GWBR1-70-85-021821

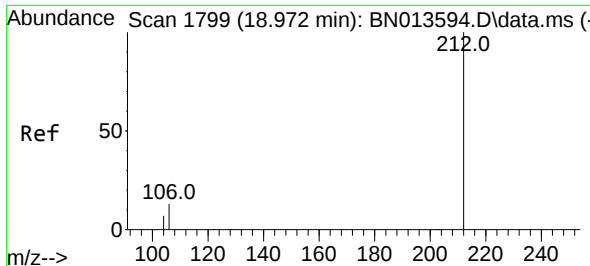
Tgt Ion:266 Resp: 80
Ion Ratio Lower Upper
266 100
264 18.8 51.6 77.4#
268 38.8 54.6 82.0#



#25
Phenanthrene
Concen: 0.12 ng
RT: 16.970 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BN013729.D
Acq: 22 Feb 2021 14:04

Tgt Ion:178 Resp: 7544
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.4
179 15.7 12.3 18.5

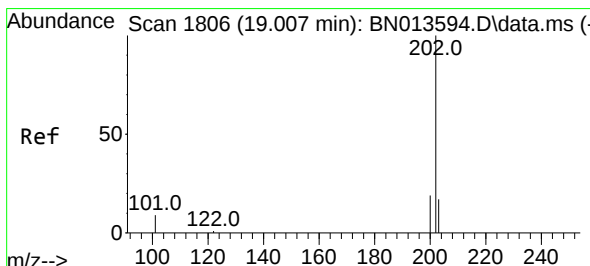
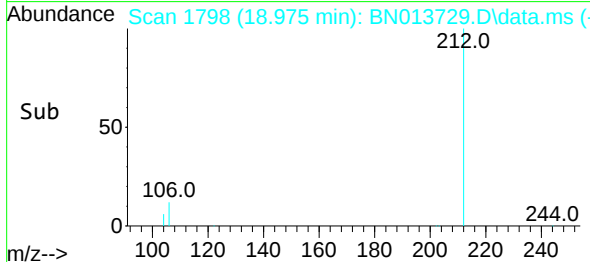
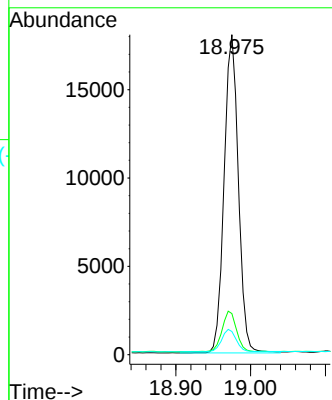
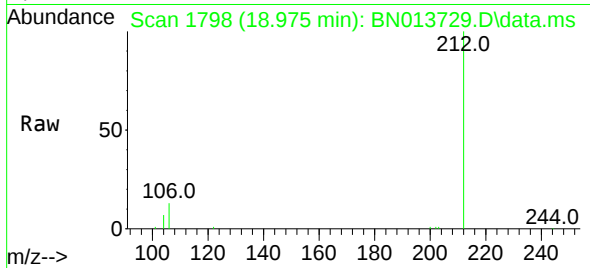




#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 18.975 min Scan# 1798
Delta R.T. 0.003 min
Lab File: BN013729.D
Acq: 22 Feb 2021 14:04

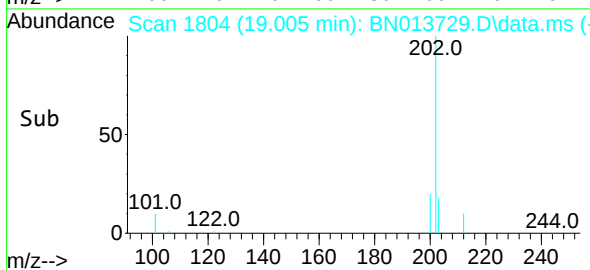
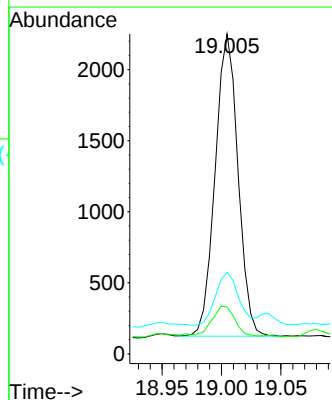
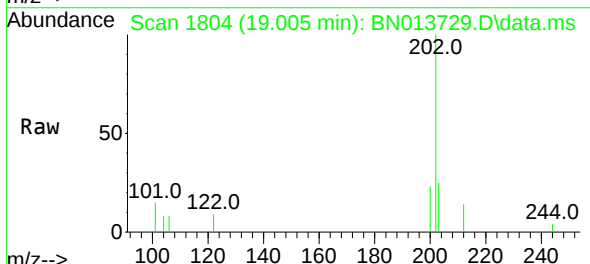
Instrument :
BNA_N
ClientSampleId :
GWBR1-70-85-021821

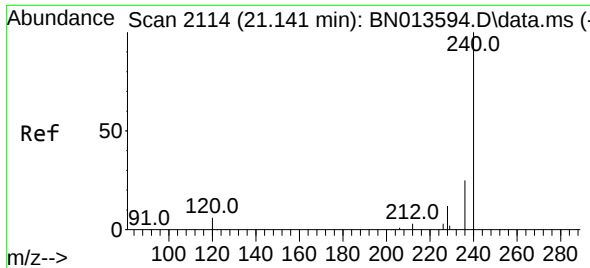
Tgt Ion:212 Resp: 23852
Ion Ratio Lower Upper
212 100
106 13.2 9.7 14.5
104 7.1 5.5 8.3



#28
Fluoranthene
Concen: 0.04 ng
RT: 19.005 min Scan# 1804
Delta R.T. 0.003 min
Lab File: BN013729.D
Acq: 22 Feb 2021 14:04

Tgt Ion:202 Resp: 2842
Ion Ratio Lower Upper
202 100
101 11.2 8.1 12.1
203 18.2 13.9 20.9

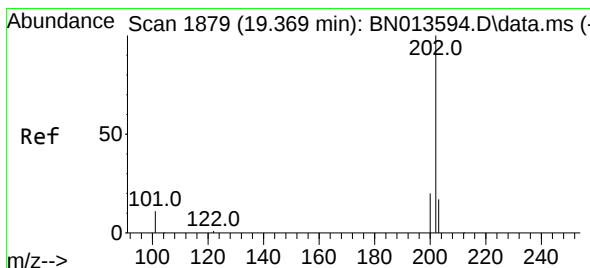
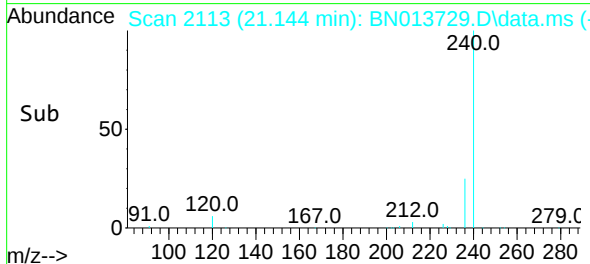
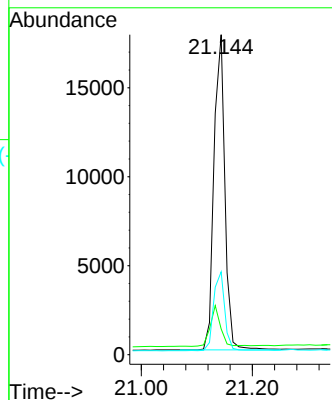
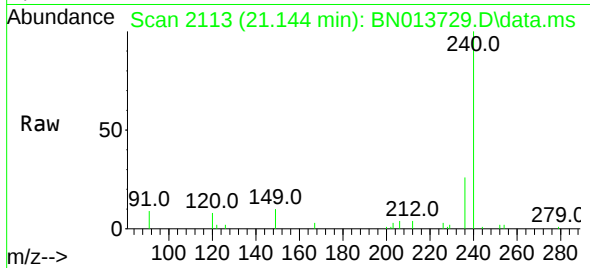




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.144 min Scan# 2113
Delta R.T. 0.013 min
Lab File: BN013729.D
Acq: 22 Feb 2021 14:04

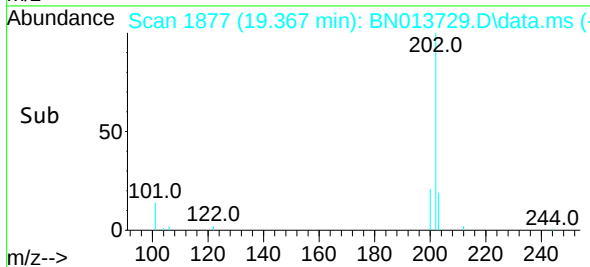
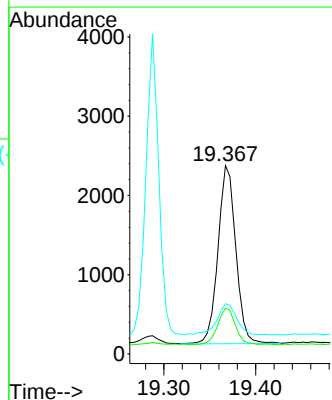
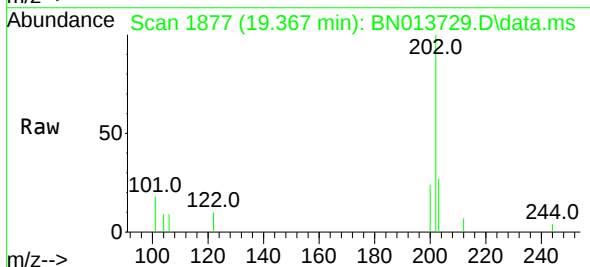
Instrument :
BNA_N
ClientSampleId :
GWBR1-70-85-021821

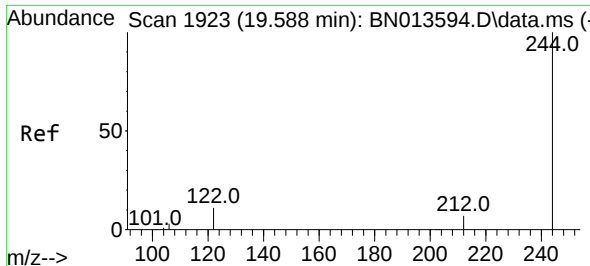
Tgt Ion:240 Resp: 24273
Ion Ratio Lower Upper
240 100
120 8.1 10.2 15.4#
236 25.9 21.3 31.9



#30
Pyrene
Concen: 0.04 ng
RT: 19.367 min Scan# 1877
Delta R.T. 0.003 min
Lab File: BN013729.D
Acq: 22 Feb 2021 14:04

Tgt Ion:202 Resp: 3047
Ion Ratio Lower Upper
202 100
200 20.0 16.3 24.5
203 21.4 14.0 21.0#

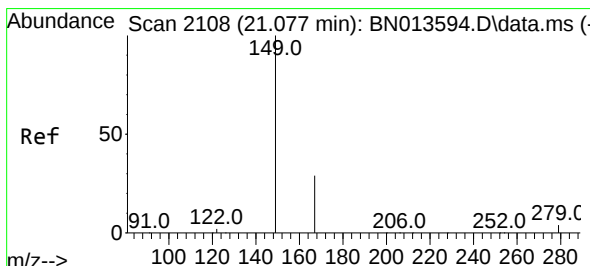
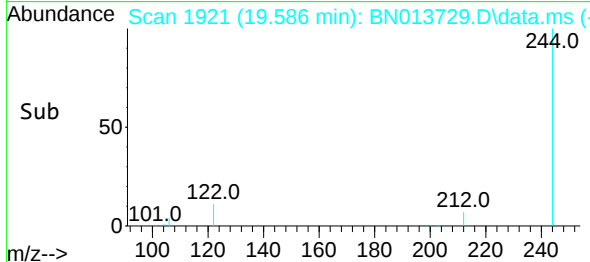
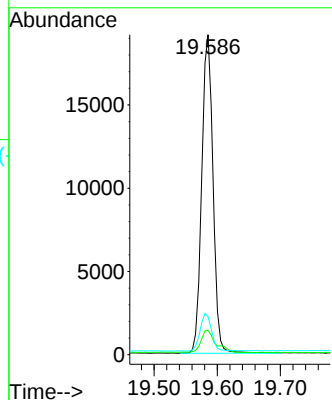
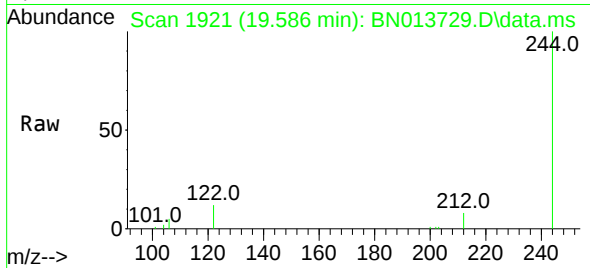




#31
 Terphenyl-d14
 Concen: 0.44 ng
 RT: 19.586 min Scan# 1921
 Delta R.T. 0.003 min
 Lab File: BN013729.D
 Acq: 22 Feb 2021 14:04

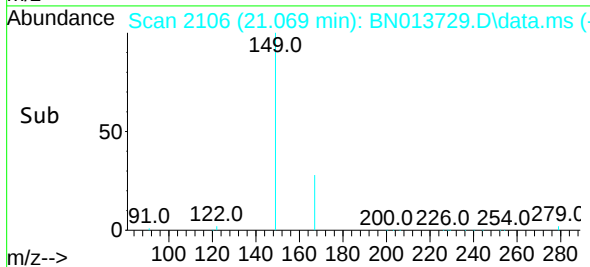
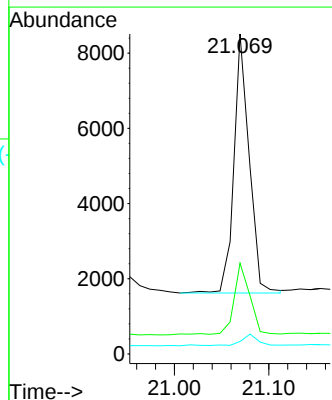
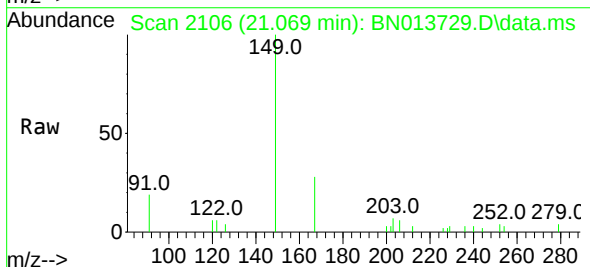
Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-70-85-021821

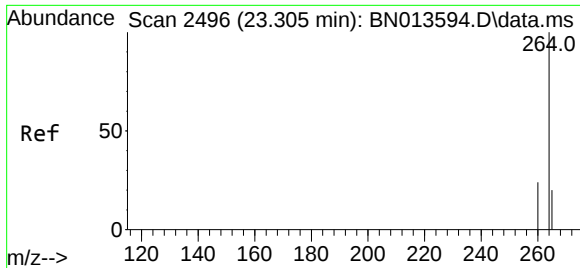
Tgt Ion:244 Resp: 23692
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 11.9 9.8 14.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.41 ng
 RT: 21.069 min Scan# 2106
 Delta R.T. 0.003 min
 Lab File: BN013729.D
 Acq: 22 Feb 2021 14:04

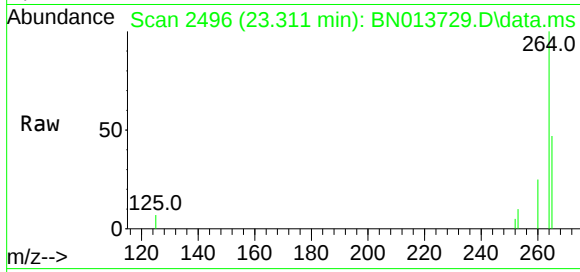
Tgt Ion:149 Resp: 7736
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.1 33.1
 279 4.5 3.5 5.3





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.311 min Scan# 2496
 Delta R.T. 0.009 min
 Lab File: BN013729.D
 Acq: 22 Feb 2021 14:04

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-70-85-021821



Tgt Ion:264 Resp: 23972
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.3 28.9
 265 47.5 66.2 99.4#

