

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062421\
 Data File : BN015030.D
 Acq On : 24 Jun 2021 05:36
 Operator : CG/JU
 Sample : M2804-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP08-20210621

Quant Time: Jun 24 06:16:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 23 16:24:59 2021
 Response via : Initial Calibration

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

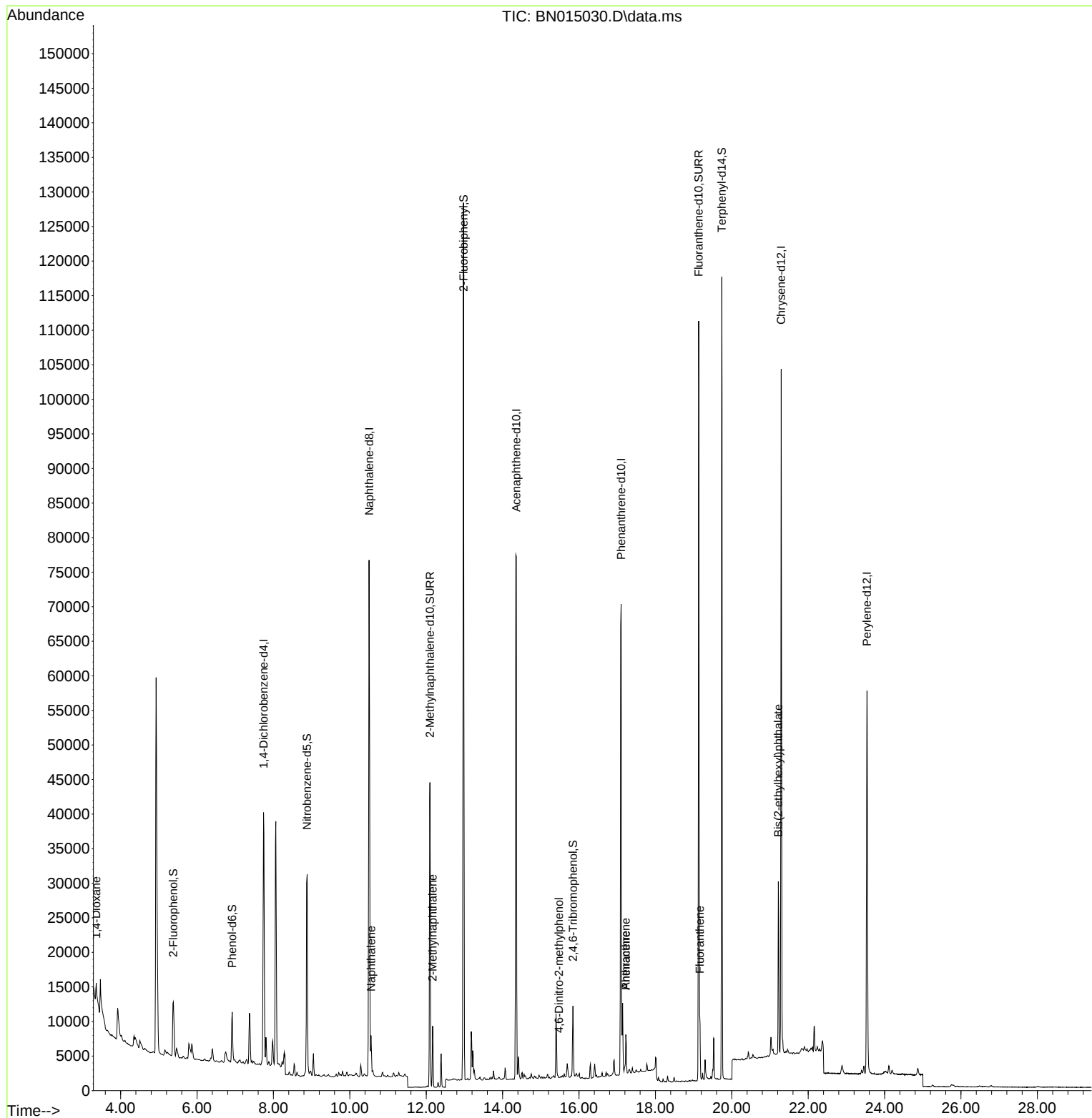
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	21765	0.40	ng	# 0.00
7) Naphthalene-d8	10.505	136	97185	0.40	ng	0.00
13) Acenaphthene-d10	14.358	164	51476	0.40	ng	0.00
19) Phenanthrene-d10	17.104	188	102544	0.40	ng	# 0.00
29) Chrysene-d12	21.292	240	86807	0.40	ng	#-0.01
35) Perylene-d12	23.540	264	72944	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.380	112	10375	0.15	ng	0.00
5) Phenol-d6	6.920	99	7232	0.08	ng	0.00
8) Nitrobenzene-d5	8.883	82	27083	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.097	152	58728	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	7549	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	106829	0.55	ng	0.00
27) Fluoranthene-d10	19.133	212	117731	0.36	ng	0.00
31) Terphenyl-d14	19.739	244	109308	0.51	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.361	88	3728	0.41	ng	# 88
9) Naphthalene	10.556	128	7276	0.03	ng	98
12) 2-Methylnaphthalene	12.168	142	6164	0.03	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.475	198	18	0.11	ng	# 5
25) Phenanthrene	17.225	178	6446	0.02	ng	98
26) Anthracene	17.225	178	6350	0.02	ng	99
28) Fluoranthene	19.163	202	7158	0.02	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.218	149	23841	0.10	ng	# 88

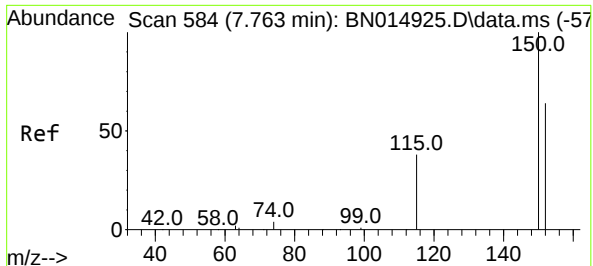
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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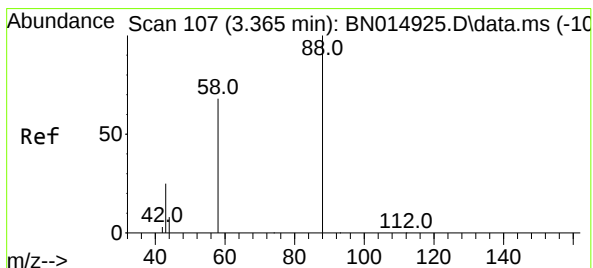
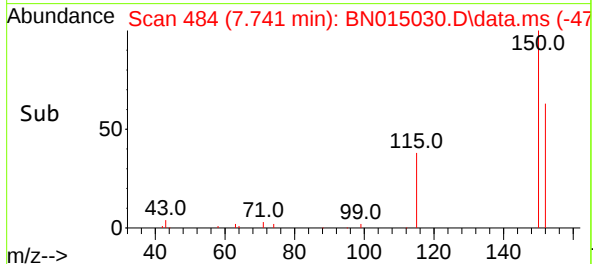
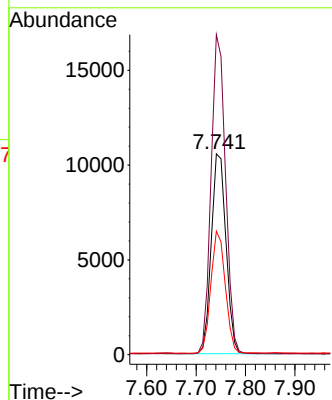
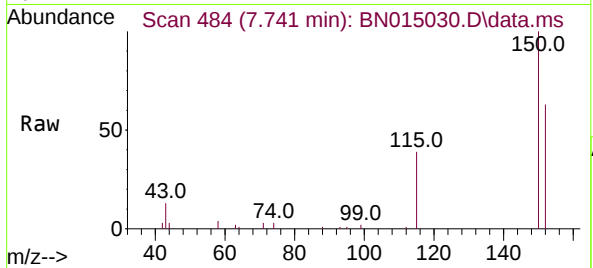




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.741 min Scan# 484
 Delta R.T. -0.009 min
 Lab File: BN015030.D
 Acq: 24 Jun 2021 05:36

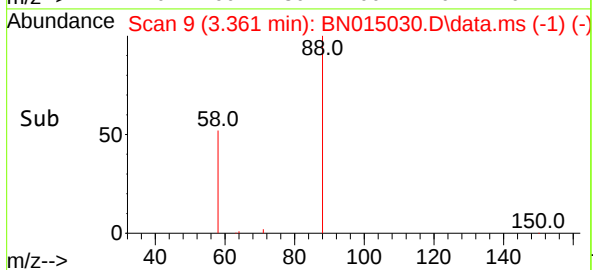
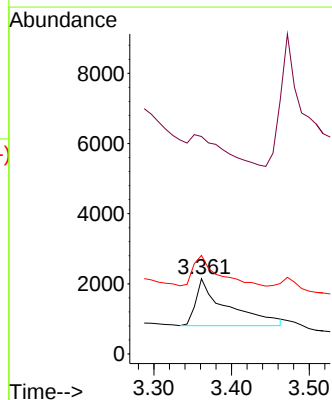
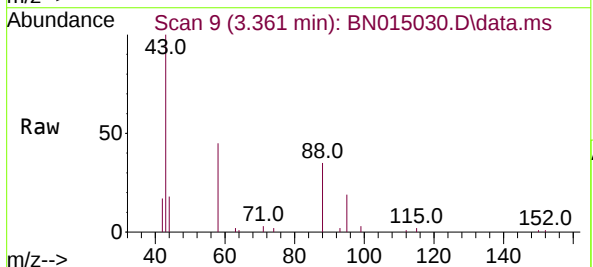
Instrument :
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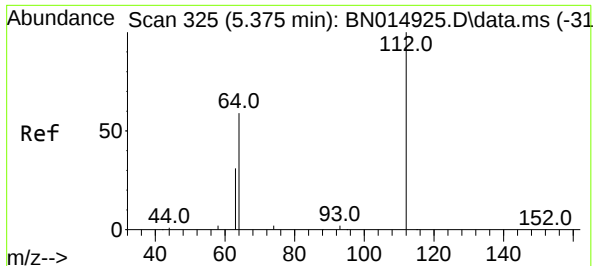
Tgt Ion: 152 Resp: 21765
 Ion Ratio Lower Upper
 152 100
 150 159.4 119.0 178.6
 115 61.5 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 0.41 ng
 RT: 3.361 min Scan# 9
 Delta R.T. 0.009 min
 Lab File: BN015030.D
 Acq: 24 Jun 2021 05:36

Tgt Ion: 88 Resp: 3728
 Ion Ratio Lower Upper
 88 100
 43 0.0 12.9 19.3#
 58 50.2 38.1 57.1

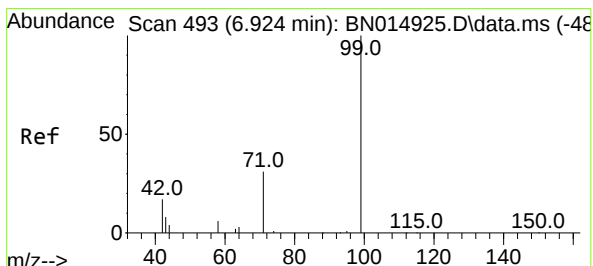
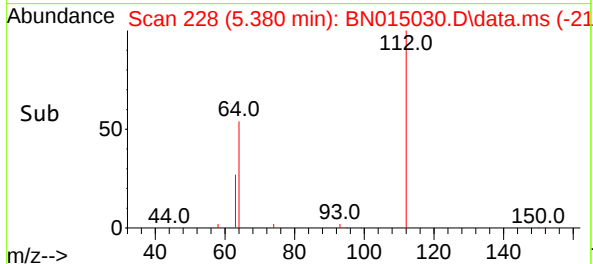
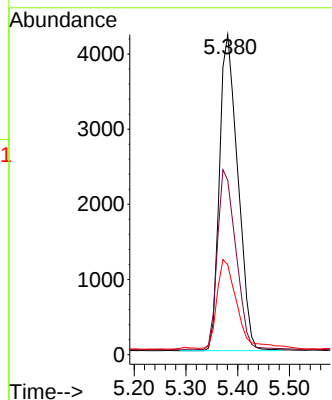
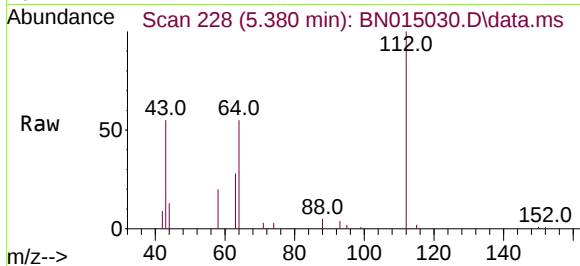




#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.380 min Scan# 228
Delta R.T. 0.009 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

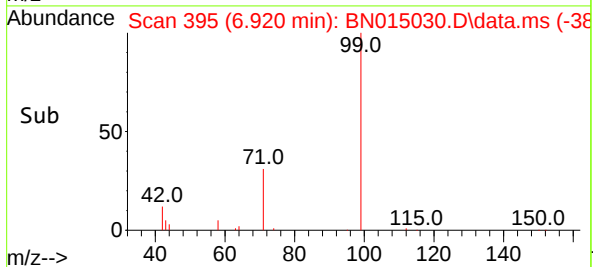
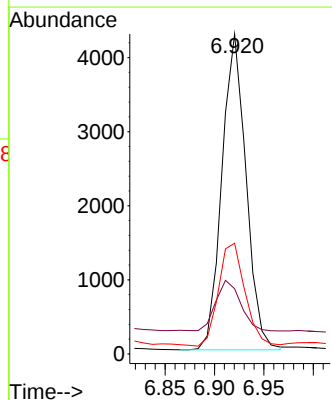
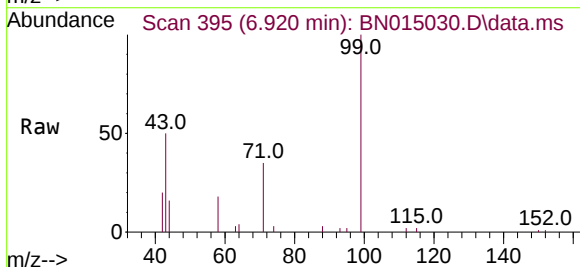
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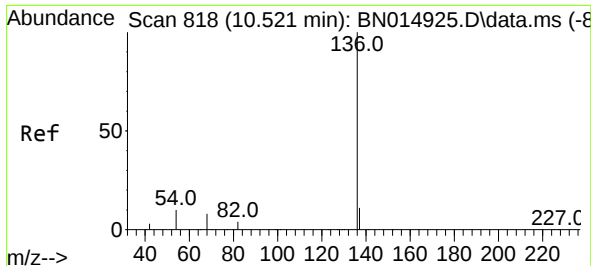
Tgt Ion:112 Resp: 10375
Ion Ratio Lower Upper
112 100
64 57.4 39.0 58.6
63 30.0 20.6 30.8



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.920 min Scan# 395
Delta R.T. 0.009 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

Tgt Ion: 99 Resp: 7232
Ion Ratio Lower Upper
99 100
42 16.4 8.9 13.3#
71 35.0 35.6 53.4#

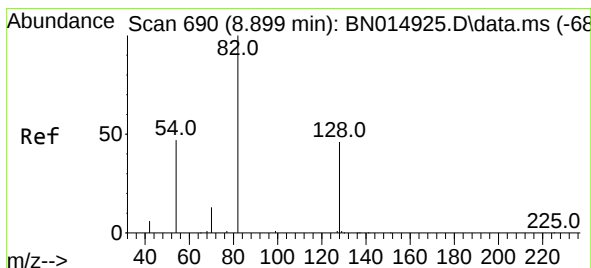
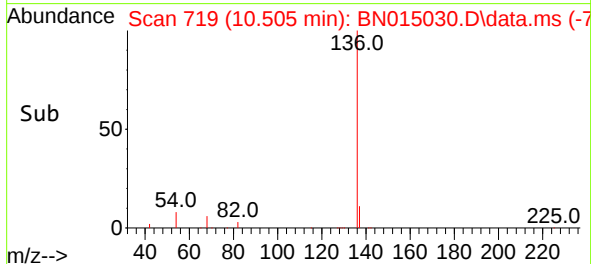
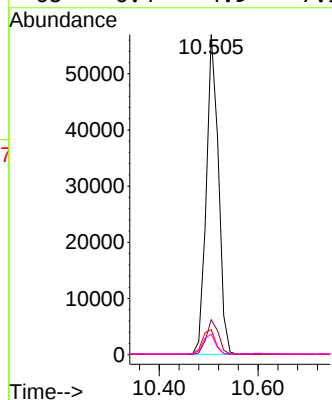
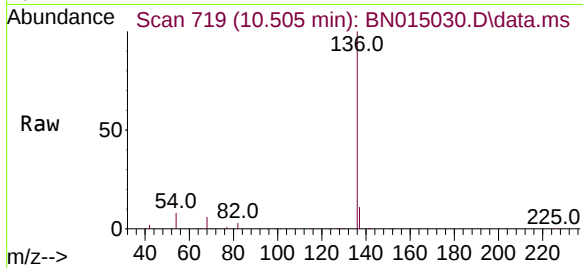




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 719
Delta R.T. -0.000 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

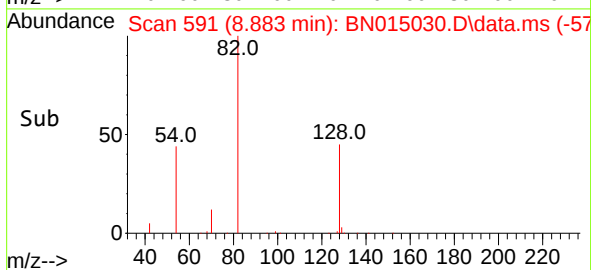
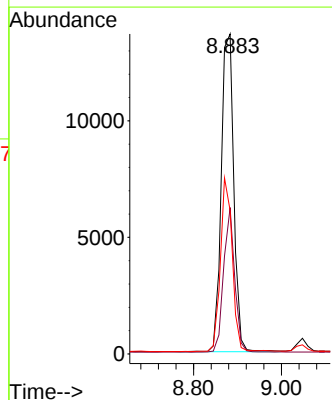
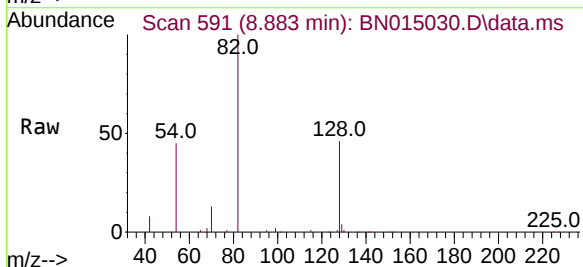
Instrument :
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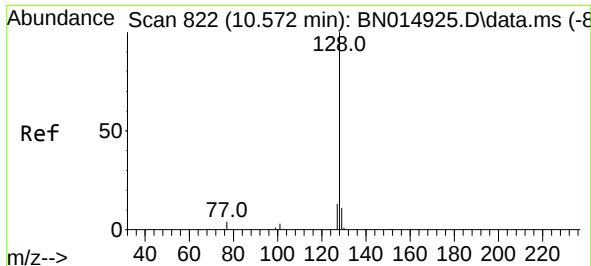
Tgt Ion:	136	Resp:	97185
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.8	14.8
54	7.8	5.4	8.2
68	6.4	4.9	7.3



#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.883 min Scan# 591
Delta R.T. -0.000 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

Tgt Ion:	82	Resp:	27083
Ion Ratio	Lower	Upper	
82	100		
128	45.8	31.6	47.4
54	44.8	29.0	43.4

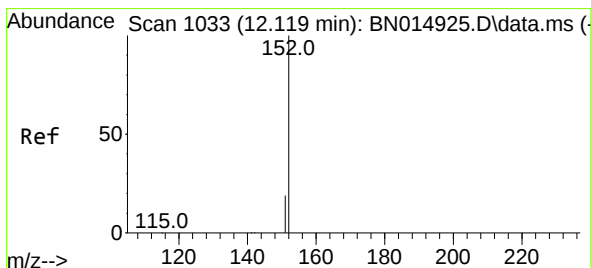
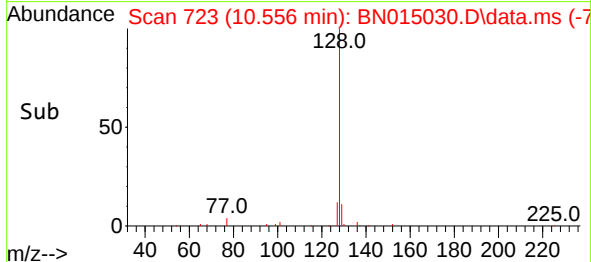
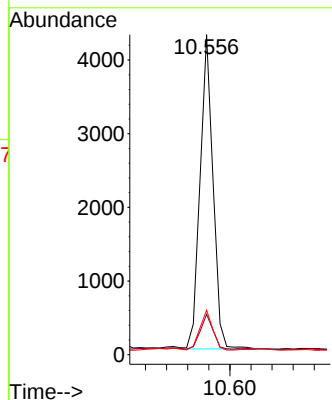
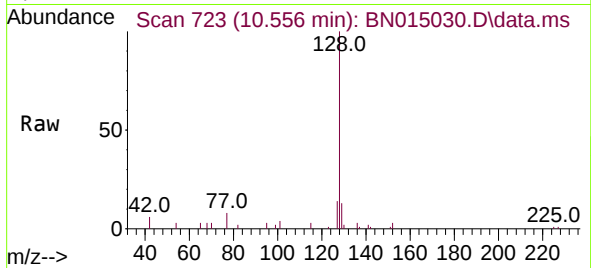




#9
Naphthalene
Concen: 0.03 ng
RT: 10.556 min Scan# 723
Delta R.T. -0.000 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

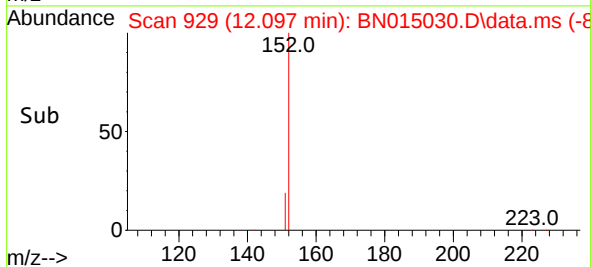
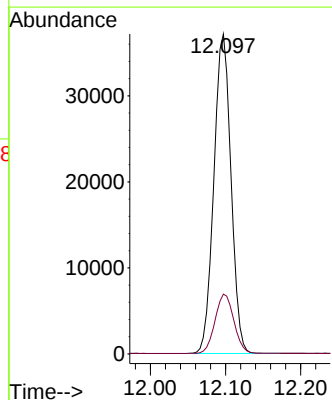
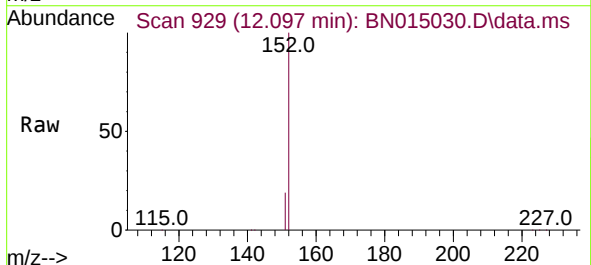
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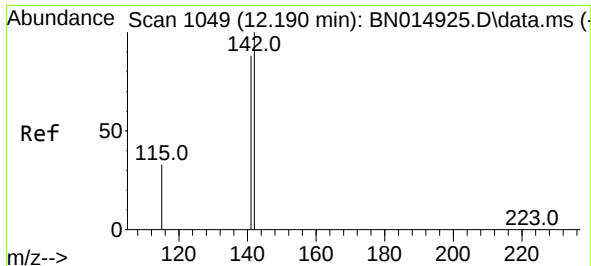
Tgt Ion:128 Resp: 7276
Ion Ratio Lower Upper
128 100
129 12.6 9.1 13.7
127 13.9 11.8 17.6



#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.097 min Scan# 929
Delta R.T. -0.000 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

Tgt Ion:152 Resp: 58728
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1

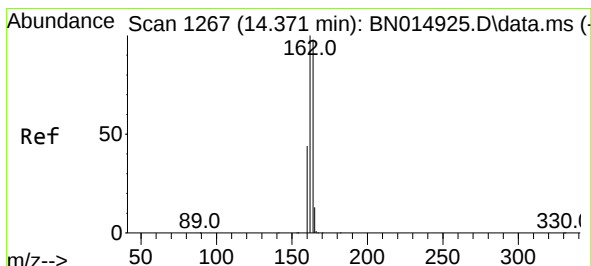
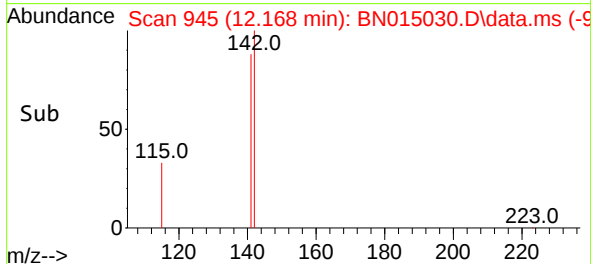
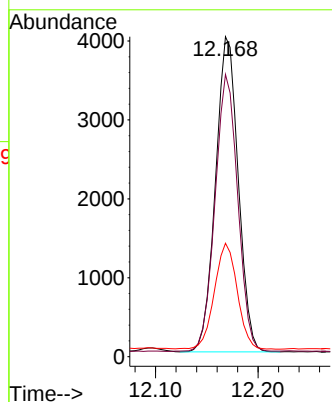
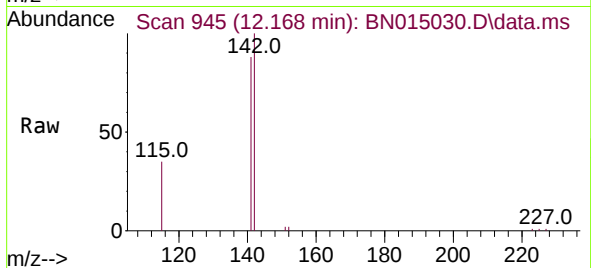




#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.168 min Scan# 945
Delta R.T. -0.005 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

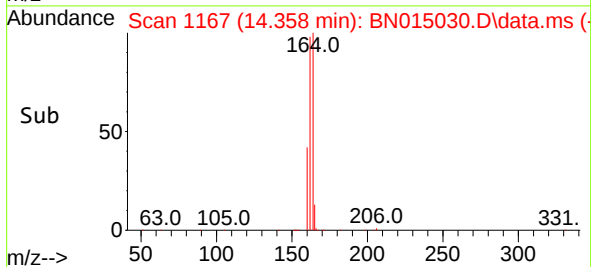
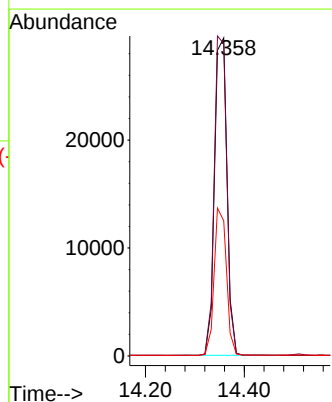
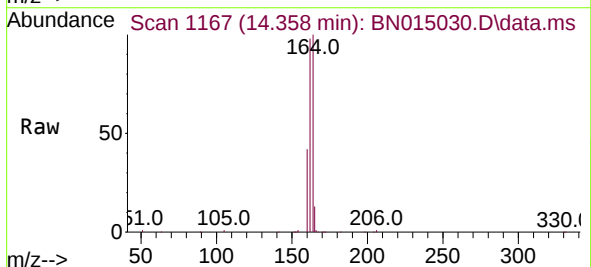
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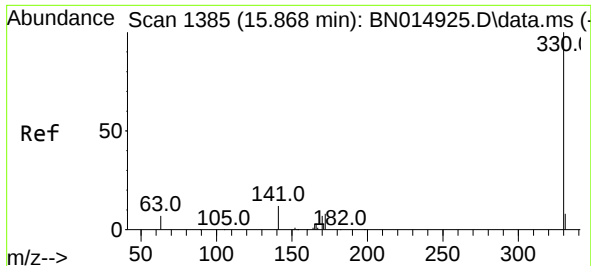
Tgt Ion:142 Resp: 6164
Ion Ratio Lower Upper
142 100
141 88.2 72.3 108.5
115 35.4 40.7 61.1#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.358 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

Tgt Ion:164 Resp: 51476
Ion Ratio Lower Upper
164 100
162 98.2 83.8 125.6
160 42.5 37.4 56.0

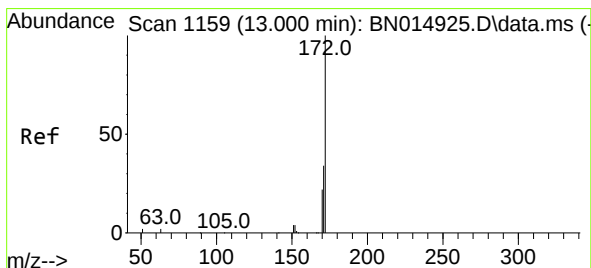
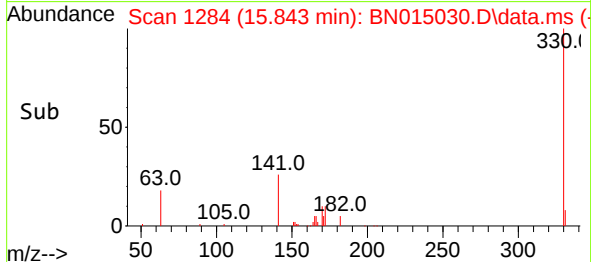
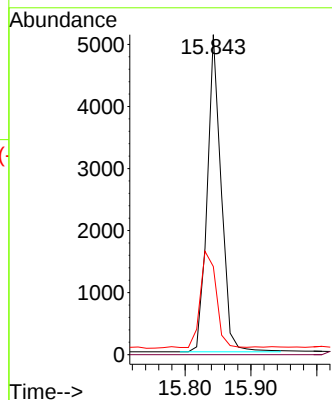
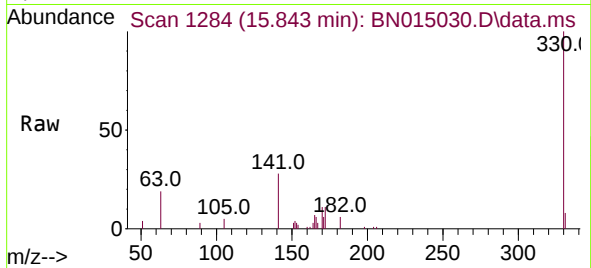




#14
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

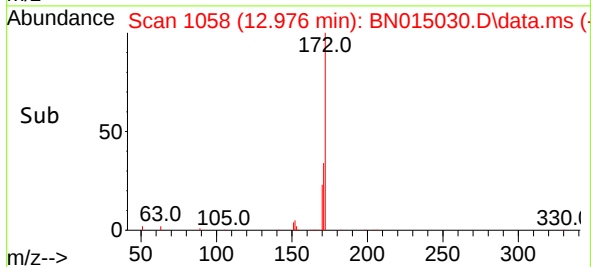
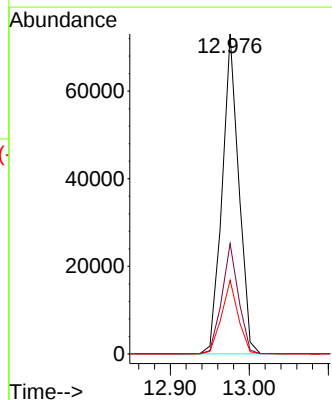
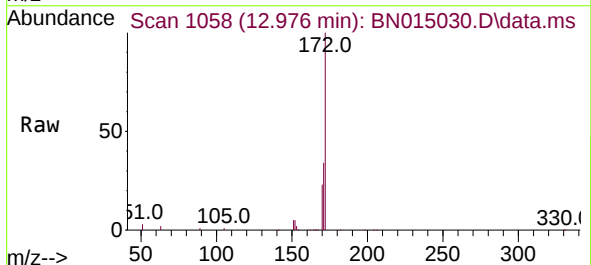
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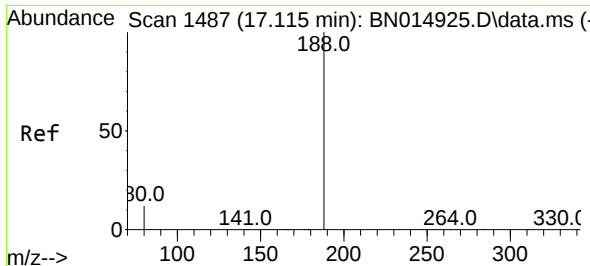
Tgt Ion:330 Resp: 7549
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.6 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.55 ng
RT: 12.976 min Scan# 1058
Delta R.T. -0.000 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

Tgt Ion:172 Resp: 106829
Ion Ratio Lower Upper
172 100
171 34.5 30.6 45.8
170 23.0 20.2 30.4

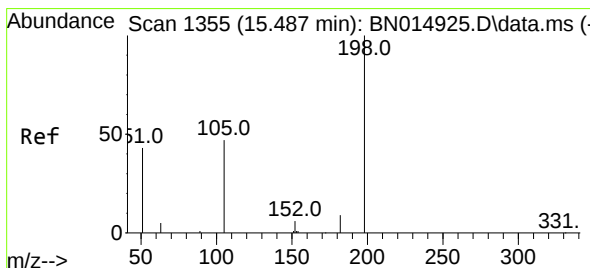
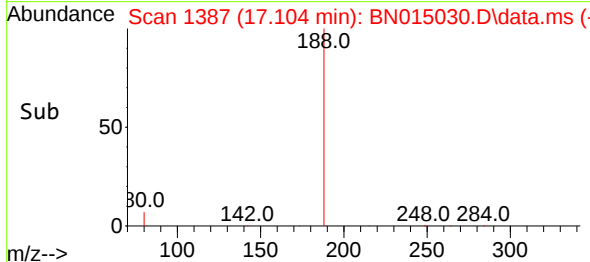
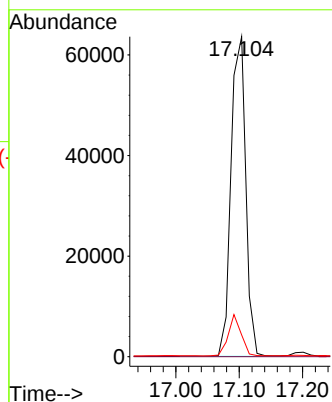
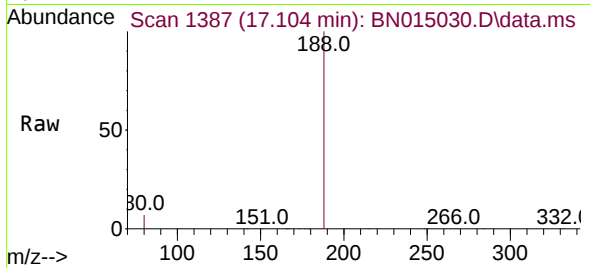




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.104 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

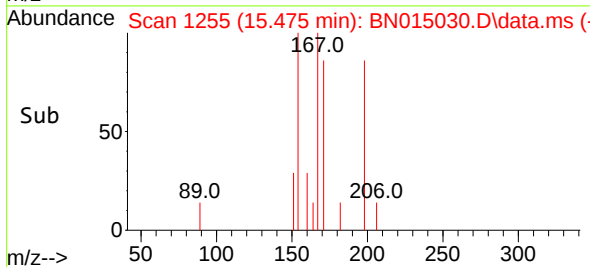
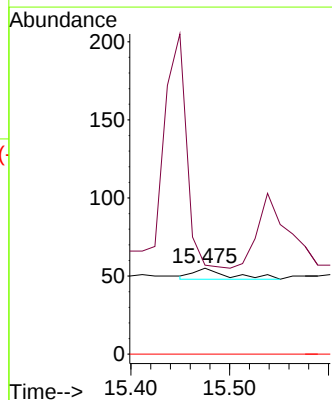
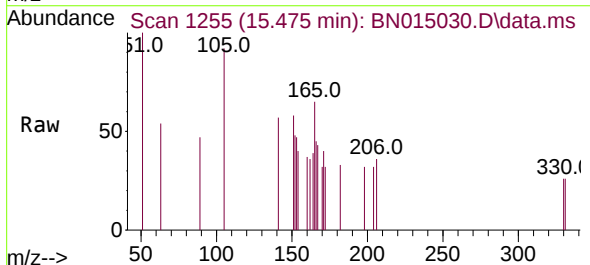
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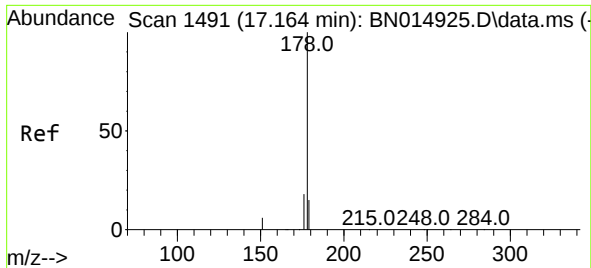
Tgt Ion:188 Resp: 102544
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.8 9.0 13.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.11 ng
RT: 15.475 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
182 103.6 34.5 51.7#
77 0.0 0.0 0.0

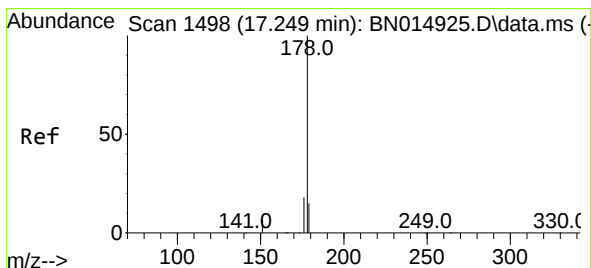
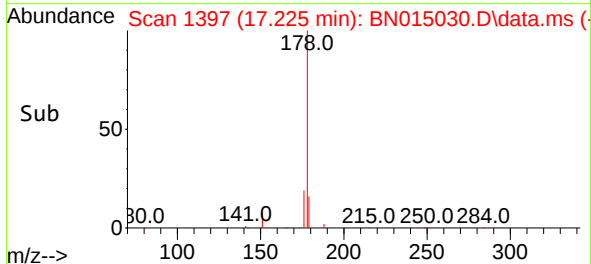
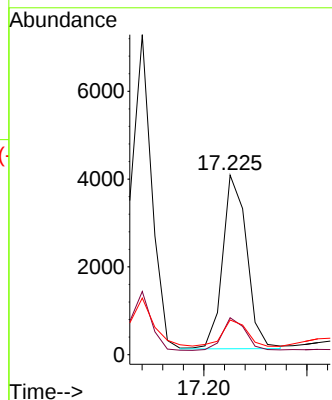
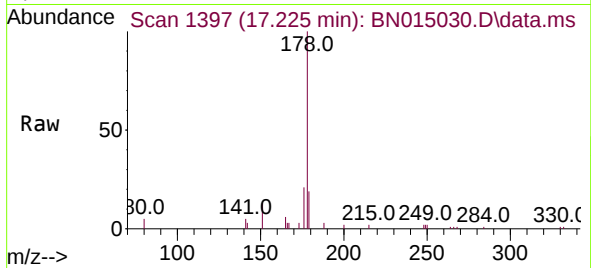




#25
Phenanthrene
Concen: 0.02 ng
RT: 17.225 min Scan# 1397
Delta R.T. 0.085 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

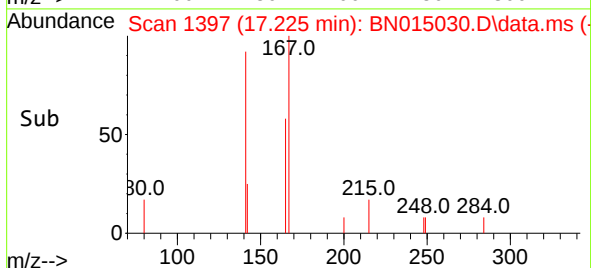
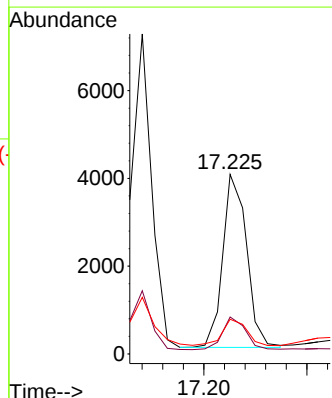
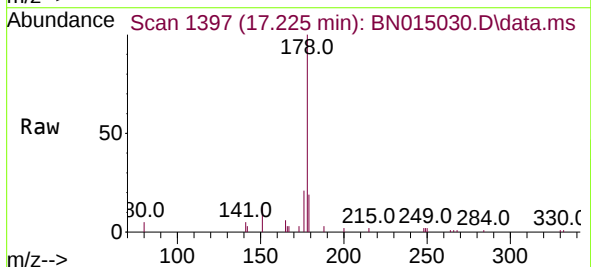
Instrument :
BNA_N
ClientSampleId :
DUP08-20210621

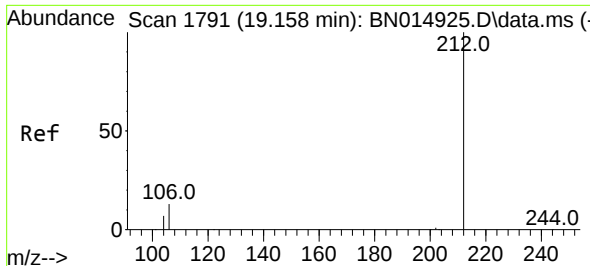
Tgt Ion:178 Resp: 6446
Ion Ratio Lower Upper
178 100
176 18.0 15.6 23.4
179 15.1 12.1 18.1



#26
Anthracene
Concen: 0.02 ng
RT: 17.225 min Scan# 1397
Delta R.T. -0.012 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

Tgt Ion:178 Resp: 6350
Ion Ratio Lower Upper
178 100
176 18.3 15.1 22.7
179 15.3 12.2 18.2

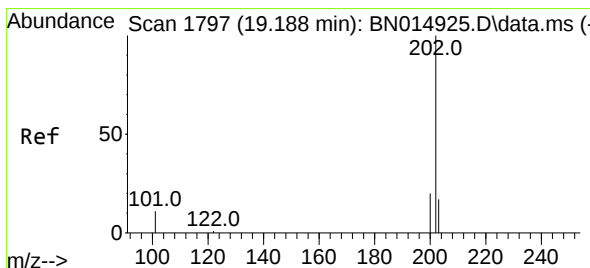
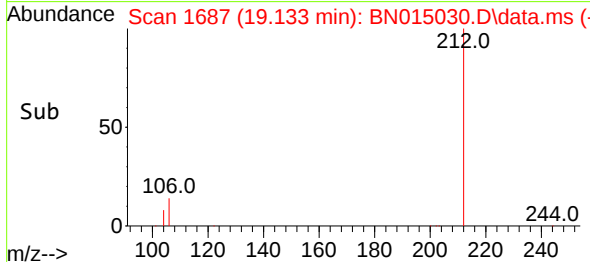
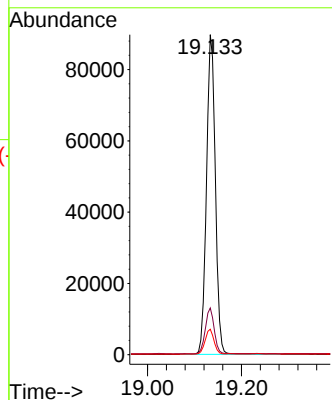
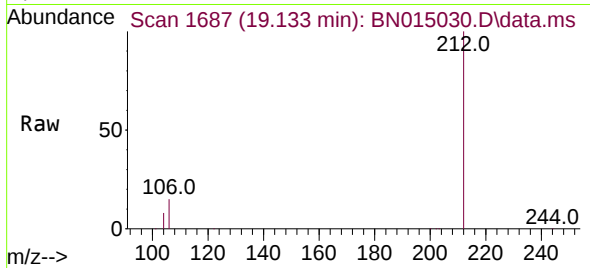




#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.133 min Scan# 1687
Delta R.T. -0.005 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

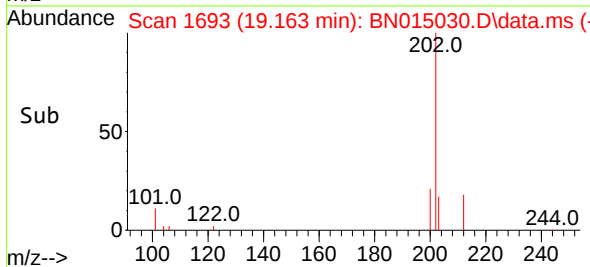
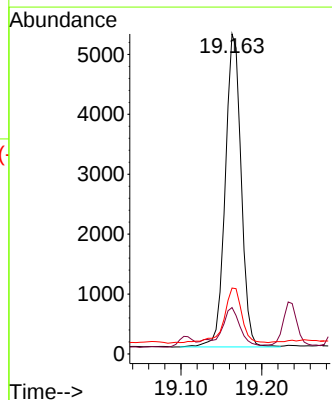
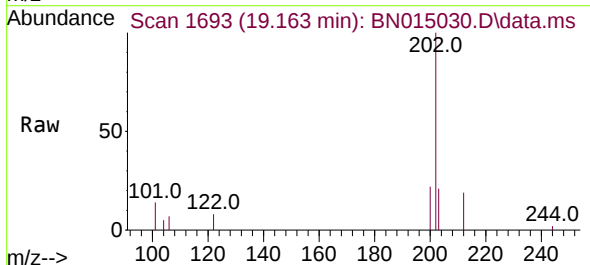
Instrument :
BNA_N
ClientSampleId :
DUP08-20210621

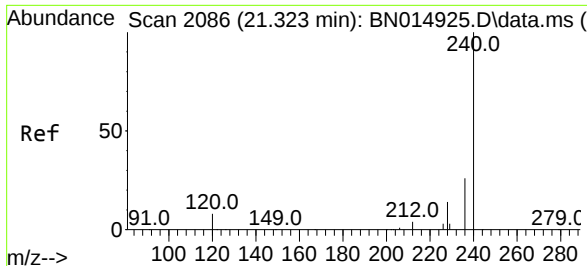
Tgt Ion:212 Resp: 117731
Ion Ratio Lower Upper
212 100
106 14.3 7.0 10.6#
104 7.9 4.1 6.1#



#28
Fluoranthene
Concen: 0.02 ng
RT: 19.163 min Scan# 1693
Delta R.T. -0.005 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

Tgt Ion:202 Resp: 7158
Ion Ratio Lower Upper
202 100
101 13.5 6.6 10.0#
203 20.4 13.9 20.9

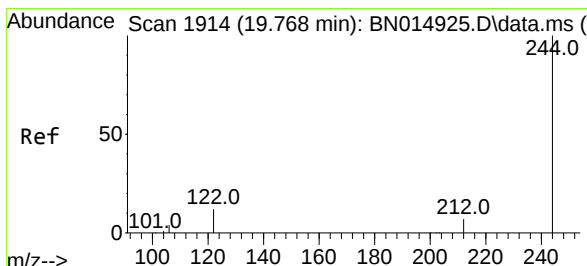
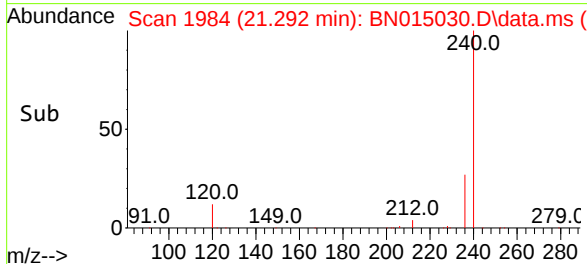
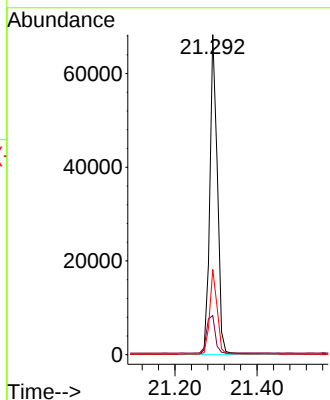
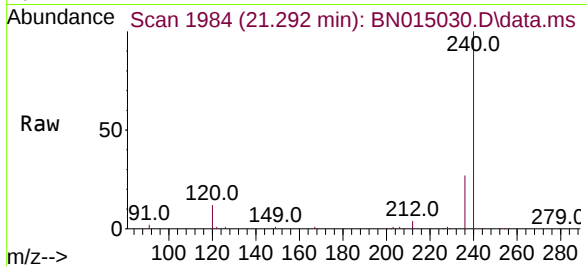




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

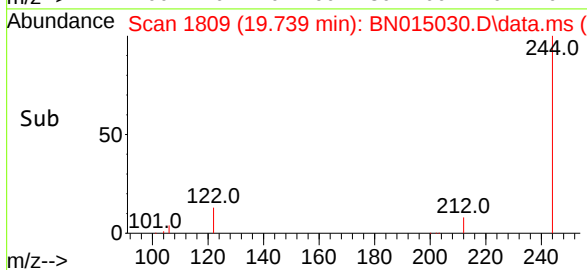
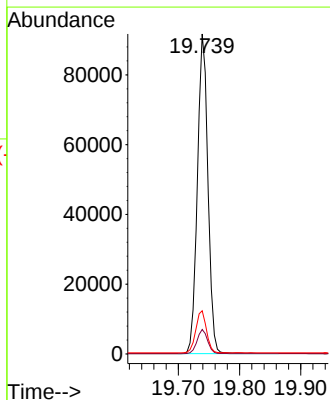
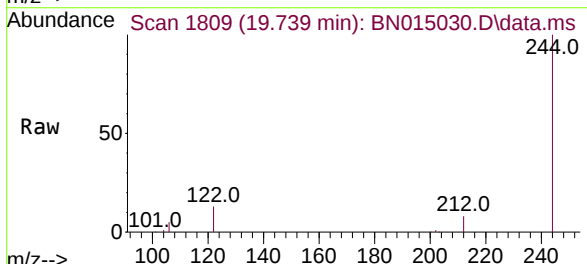
Instrument :
BNA_N
ClientSampleId :
DUP08-20210621

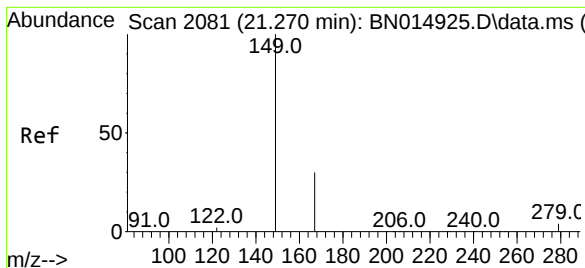
Tgt Ion:240 Resp: 86807
Ion Ratio Lower Upper
240 100
120 12.2 4.2 6.4#
236 26.6 21.4 32.2



#31
Terphenyl-d14
Concen: 0.51 ng
RT: 19.739 min Scan# 1809
Delta R.T. -0.005 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

Tgt Ion:244 Resp: 109308
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 13.5 6.2 9.2#

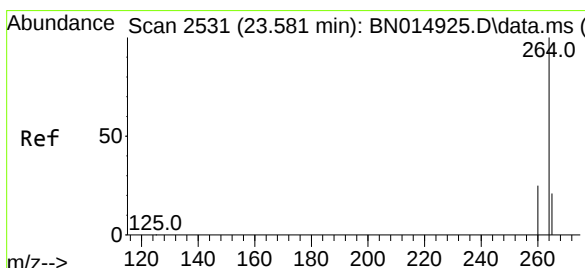
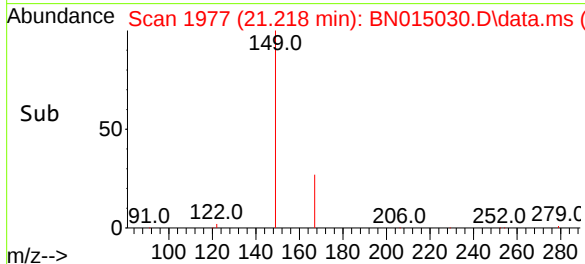
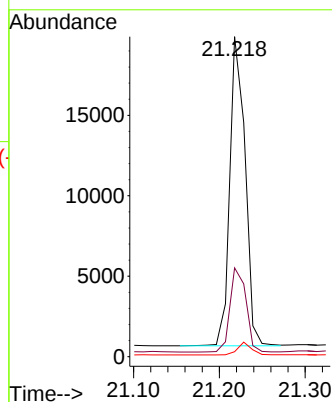
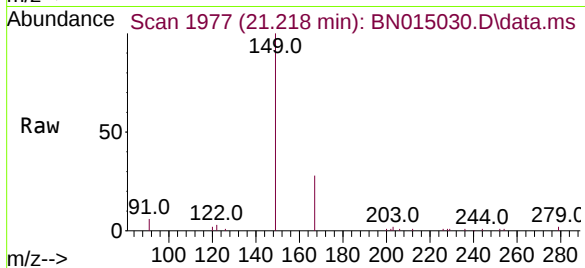




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.10 ng
RT: 21.218 min Scan# 1977
Delta R.T. -0.011 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

Instrument :
BNA_N
ClientSampleId :
DUP08-20210621

Tgt Ion:149 Resp: 23841
Ion Ratio Lower Upper
149 100
167 28.3 28.9 43.3#
279 3.7 4.9 7.3#



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.540 min Scan# 2420
Delta R.T. -0.014 min
Lab File: BN015030.D
Acq: 24 Jun 2021 05:36

Tgt Ion:264 Resp: 72944
Ion Ratio Lower Upper
264 100
260 24.6 20.6 31.0
265 23.6 21.4 32.2

