

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
 Data File : BN016330.D
 Acq On : 18 Sep 2021 12:08
 Operator : CG/JU
 Sample : M3733-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 NAPL-01-(8-10)-END-POINT

Quant Time: Sep 20 00:56:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 17 23:59:14 2021
 Response via : Initial Calibration

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

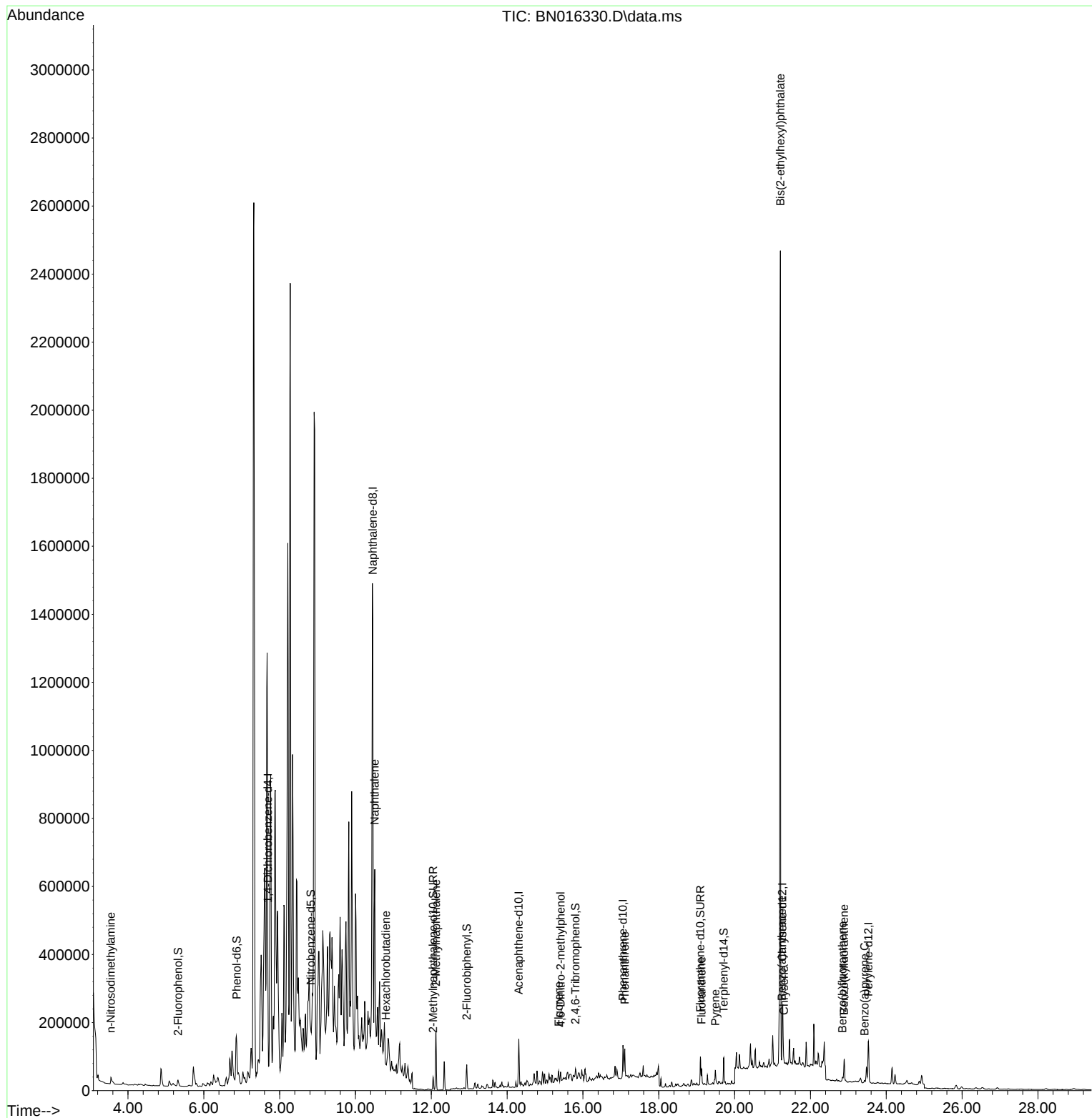
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	25165	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	109199	0.400	ng	# 0.00
13) Acenaphthene-d10	14.307	164	73565	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	138826	0.400	ng	#-0.01
29) Chrysene-d12	21.259	240	141326	0.400	ng	# 0.00
35) Perylene-d12	23.529	264	158874	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	18435	0.292	ng	0.02
5) Phenol-d6	6.868	99	26108	0.341	ng	0.00
8) Nitrobenzene-d5	8.822	82	80690	1.244	ng	-0.01
11) 2-Methylnaphthalene-d10	12.047	152	48183	0.280	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	6276	0.291	ng	0.00
15) 2-Fluorobiphenyl	12.937	172	60335	0.210	ng	0.00
27) Fluoranthene-d10	19.098	212	95075	0.237	ng	0.00
31) Terphenyl-d14	19.713	244	74051	0.226	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.548	42	6247	0.261	ng	# 1
9) Naphthalene	10.508	128	655835	2.229	ng	96
10) Hexachlorobutadiene	10.800	225	2216	0.040	ng	# 99
12) 2-Methylnaphthalene	12.123	142	120835	0.620	ng	99
18) Fluorene	15.360	166	11491	0.044	ng	# 85
20) 4,6-Dinitro-2-methylph...	15.411	198	218	0.178	ng	# 1
25) Phenanthrene	17.103	178	90098	0.230	ng	# 94
28) Fluoranthene	19.127	202	43476	0.096	ng	97
30) Pyrene	19.490	202	41710	0.093	ng	94
32) Benzo(a)anthracene	21.249	228	17299	0.038	ng	# 69
33) Chrysene	21.302	228	18750	0.043	ng	# 73
34) Bis(2-ethylhexyl)phtha...	21.206	149	2485416	10.150	ng	100
37) Benzo(b)fluoranthene	22.844	252	16934	0.034	ng	# 1
38) Benzo(k)fluoranthene	22.889	252	13737	0.028	ng	# 1
39) Benzo(a)pyrene	23.426	252	10088	0.022	ng	# 1

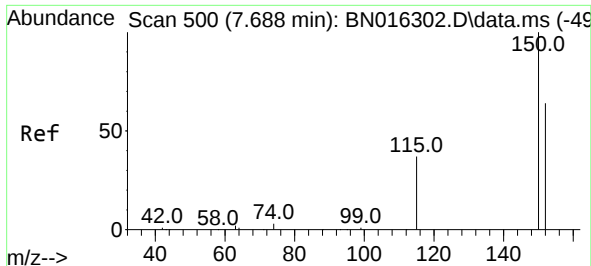
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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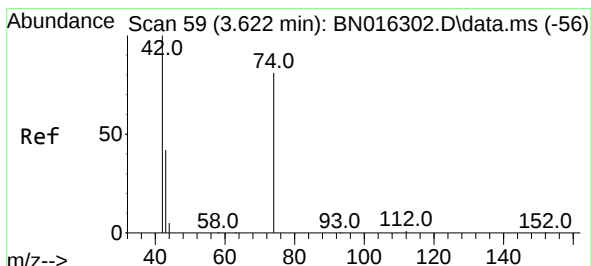
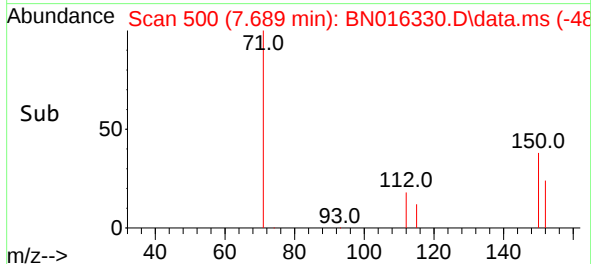
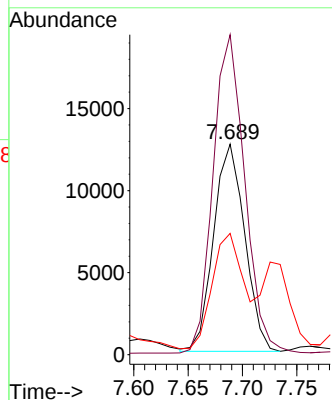
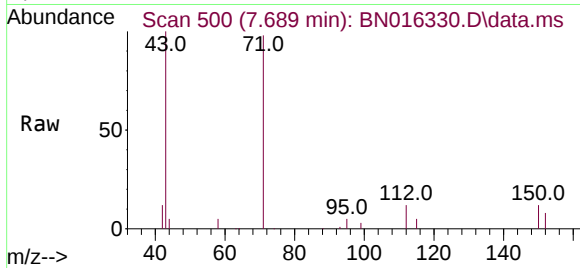




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.689 min Scan# 500
 Delta R.T. 0.001 min
 Lab File: BN016330.D
 Acq: 18 Sep 2021 12:08

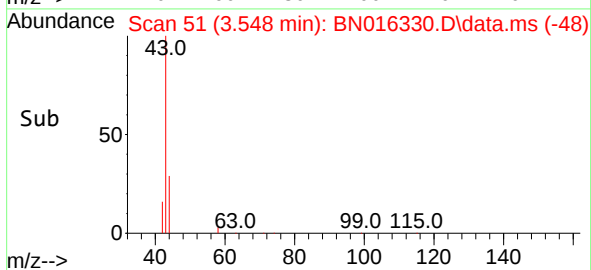
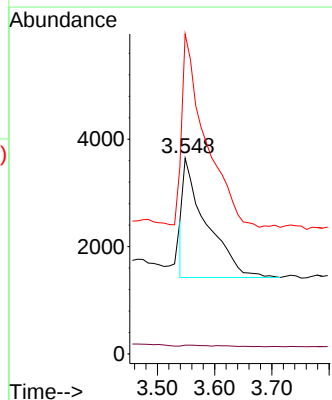
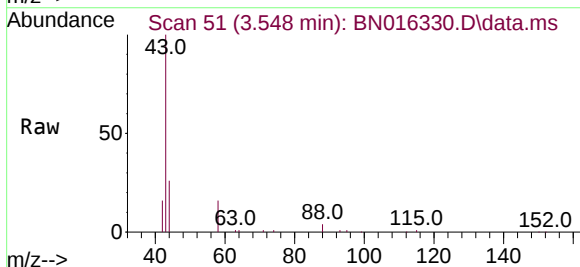
Instrument :
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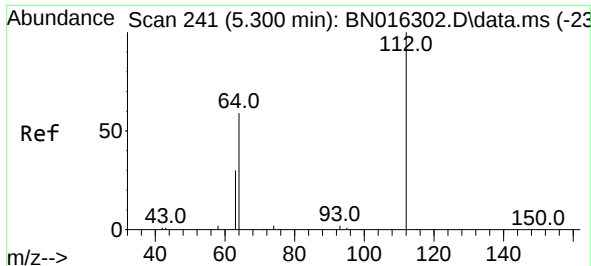
Tgt Ion:152 Resp: 25165
 Ion Ratio Lower Upper
 152 100
 150 152.0 125.6 188.4
 115 57.6 50.2 75.2



#3
 n-Nitrosodimethylamine
 Concen: 0.261 ng
 RT: 3.548 min Scan# 51
 Delta R.T. -0.074 min
 Lab File: BN016330.D
 Acq: 18 Sep 2021 12:08

Tgt Ion: 42 Resp: 6247
 Ion Ratio Lower Upper
 42 100
 74 0.6 113.6 170.4#
 44 153.2 0.0 0.0#

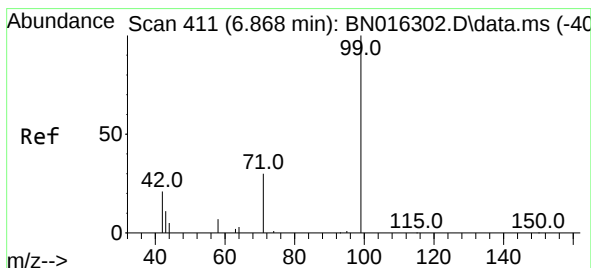
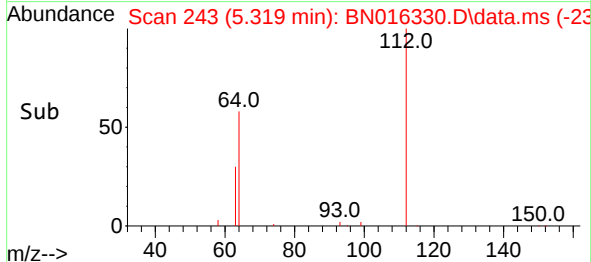
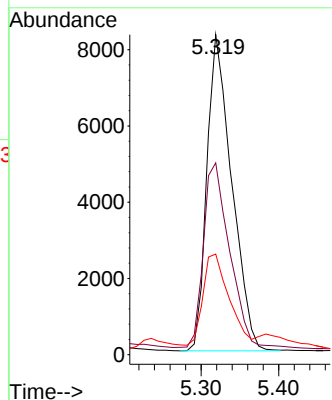
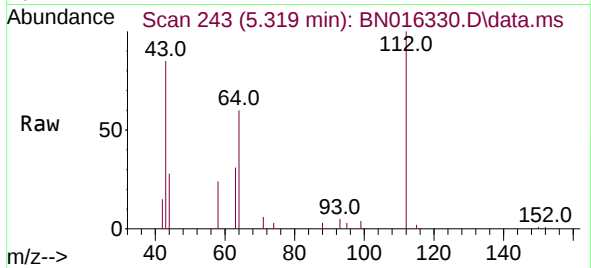




#4
2-Fluorophenol
Concen: 0.292 ng
RT: 5.319 min Scan# 243
Delta R.T. 0.019 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

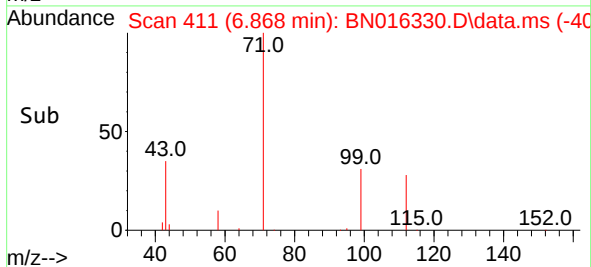
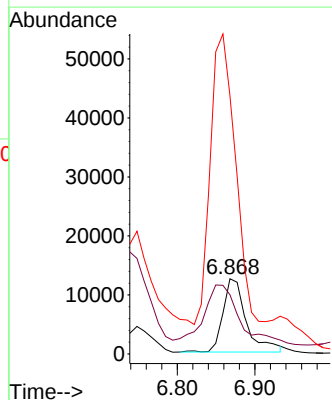
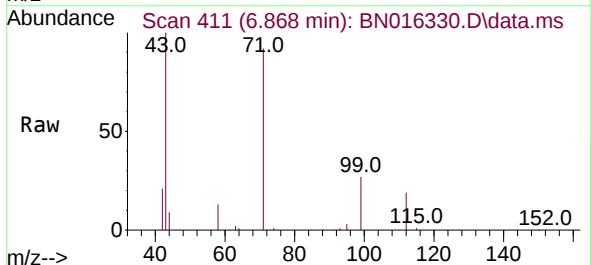
Instrument :
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ClientSampleId :
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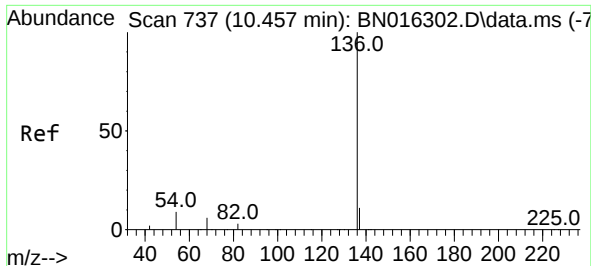
Tgt Ion: 112 Resp: 18435
Ion Ratio Lower Upper
112 100
64 61.0 47.3 70.9
63 29.9 23.4 35.0



#5
Phenol-d6
Concen: 0.341 ng
RT: 6.868 min Scan# 411
Delta R.T. 0.000 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

Tgt Ion: 99 Resp: 26108
Ion Ratio Lower Upper
99 100
42 100.1 14.0 21.0#
71 419.3 23.8 35.6#

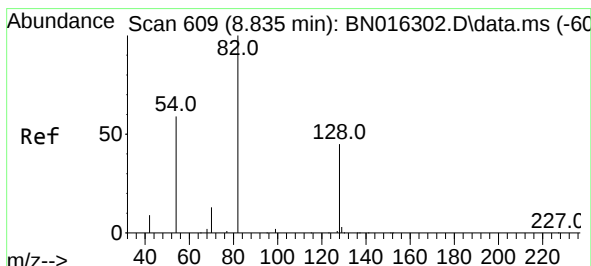
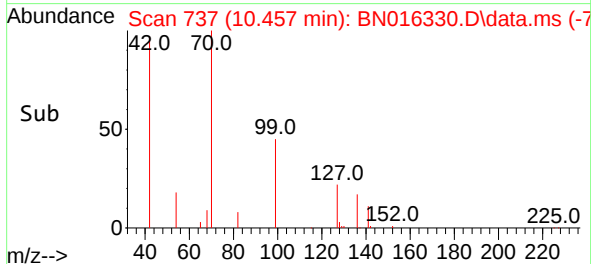
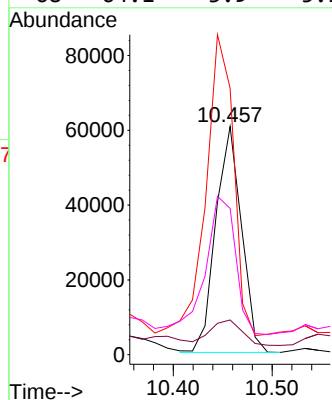
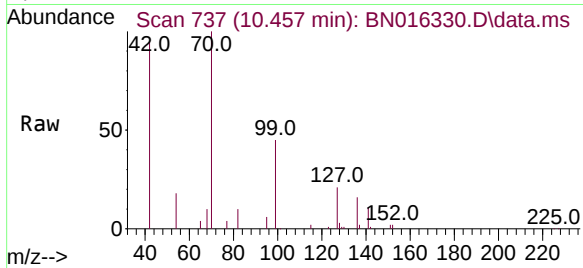




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

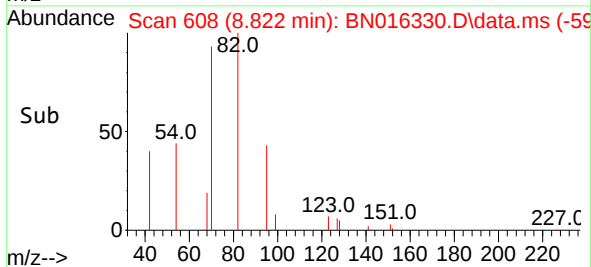
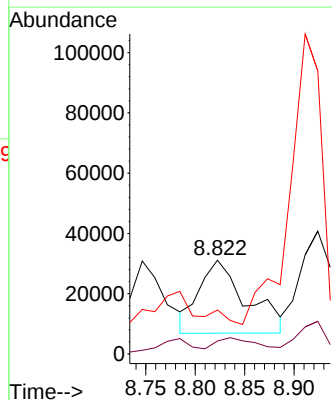
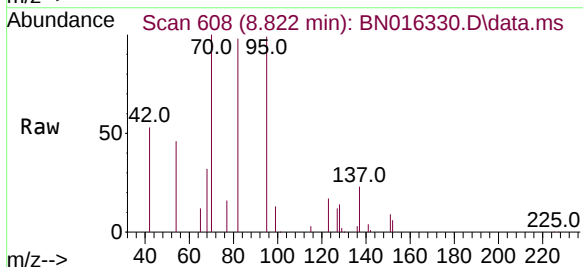
Instrument :
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ClientSampleId :
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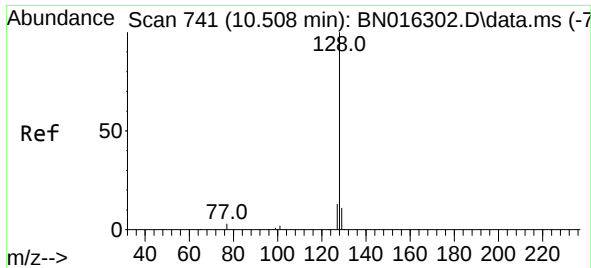
Tgt Ion:136 Resp: 109199
Ion Ratio Lower Upper
136 100
137 15.2 8.8 13.2#
54 116.7 5.3 7.9#
68 64.1 3.9 5.9#



#8
Nitrobenzene-d5
Concen: 1.244 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.013 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

Tgt Ion: 82 Resp: 80690
Ion Ratio Lower Upper
82 100
128 13.8 31.7 47.5#
54 47.0 46.4 69.6

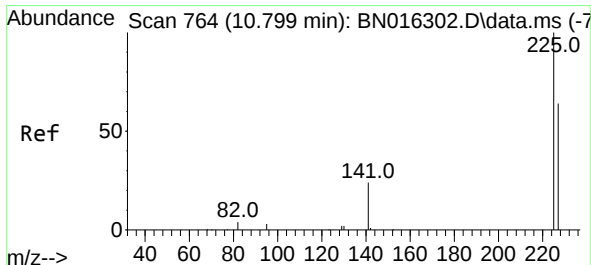
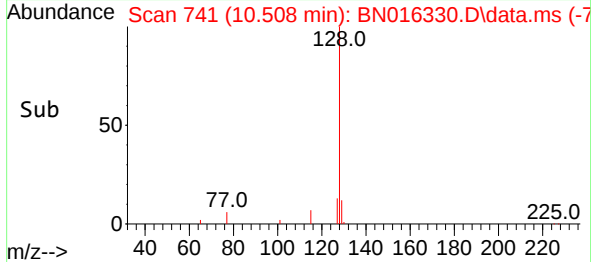
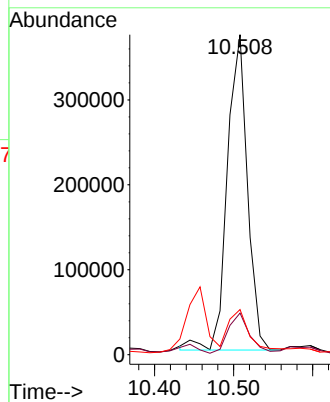
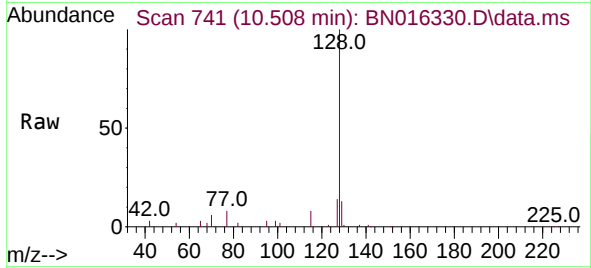




#9
Naphthalene
Concen: 2.229 ng
RT: 10.508 min Scan# 741
Delta R.T. 0.000 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

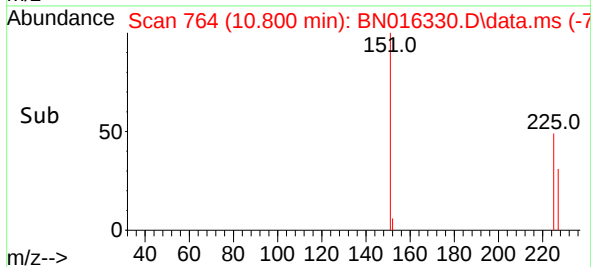
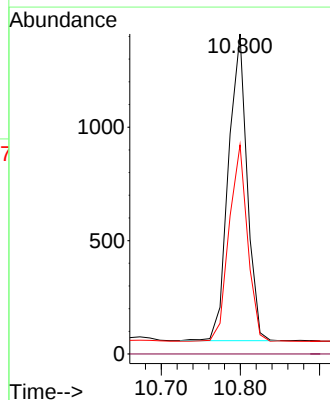
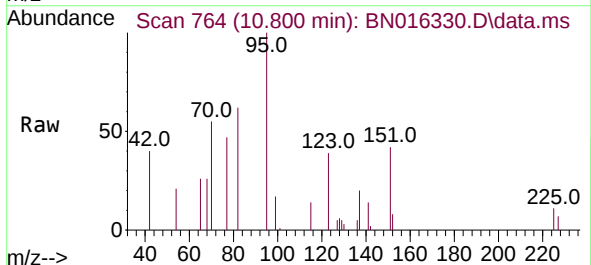
Instrument :
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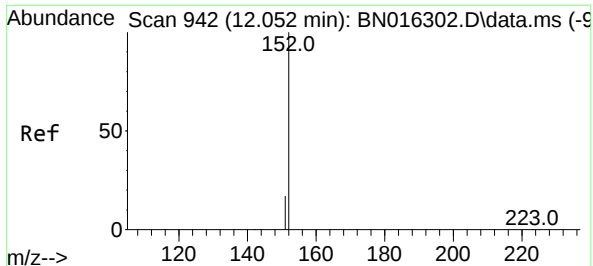
Tgt Ion:128 Resp: 655835
Ion Ratio Lower Upper
128 100
129 13.0 8.9 13.3
127 14.1 10.1 15.1



#10
Hexachlorobutadiene
Concen: 0.040 ng
RT: 10.800 min Scan# 764
Delta R.T. 0.000 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

Tgt Ion:225 Resp: 2216
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.3 51.5 77.3

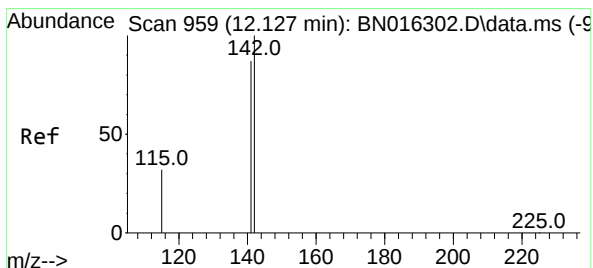
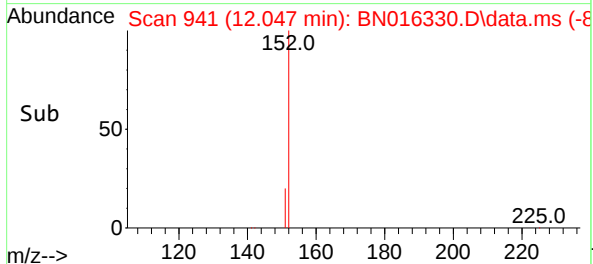
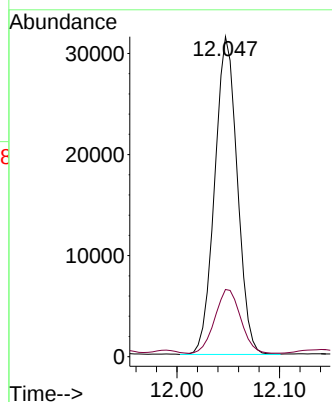
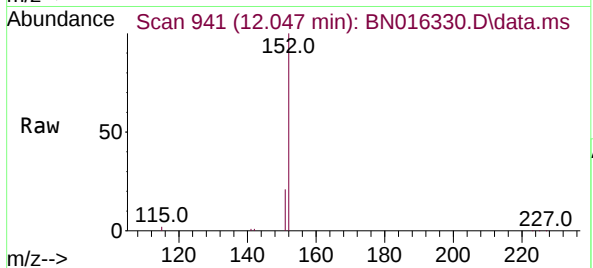




#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.047 min Scan# 941
Delta R.T. -0.004 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

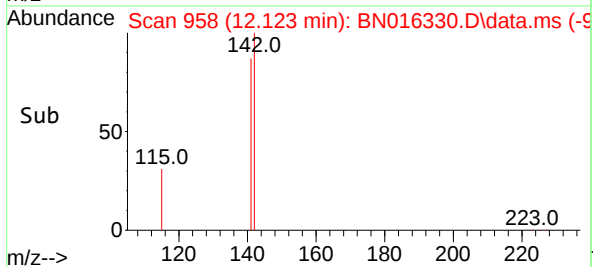
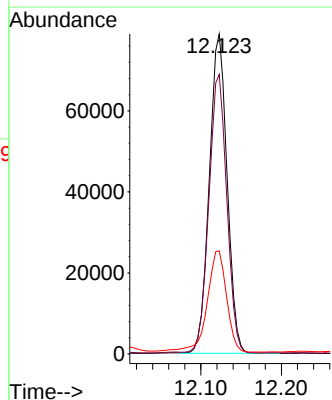
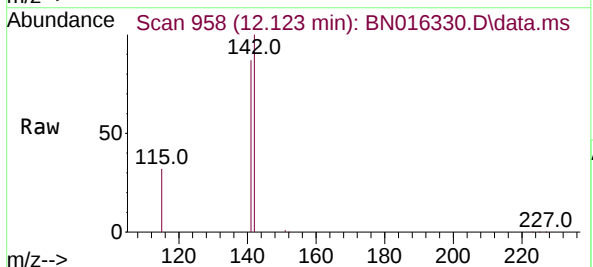
Instrument :
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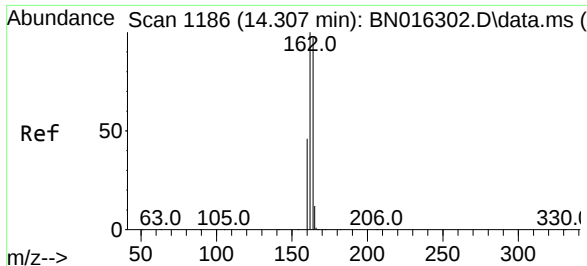
Tgt Ion:152 Resp: 48183
Ion Ratio Lower Upper
152 100
151 23.0 16.1 24.1



#12
2-Methylnaphthalene
Concen: 0.620 ng
RT: 12.123 min Scan# 958
Delta R.T. -0.004 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

Tgt Ion:142 Resp: 120835
Ion Ratio Lower Upper
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141 87.3 69.8 104.8
115 32.2 24.4 36.6

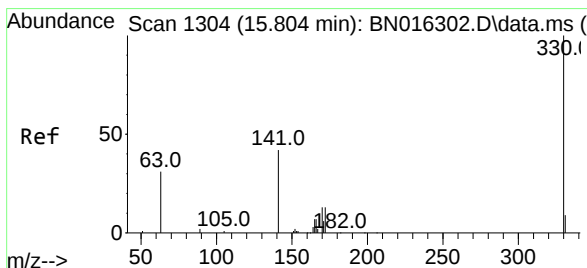
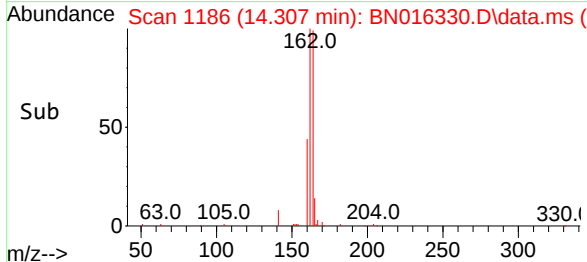
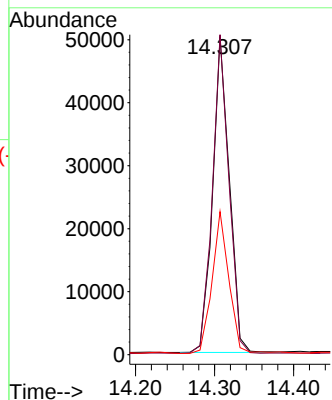
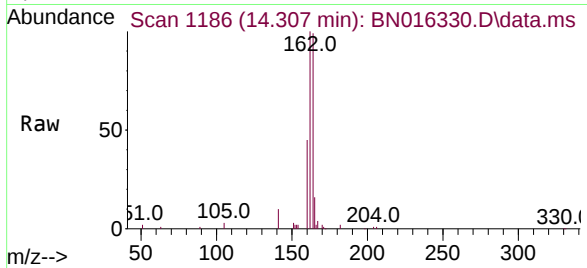




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.307 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

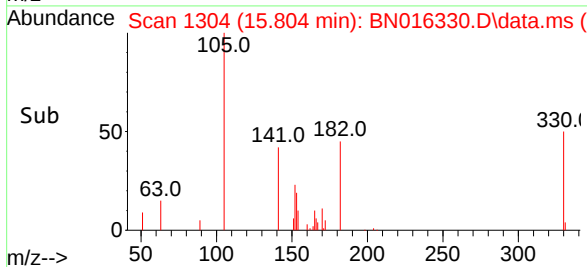
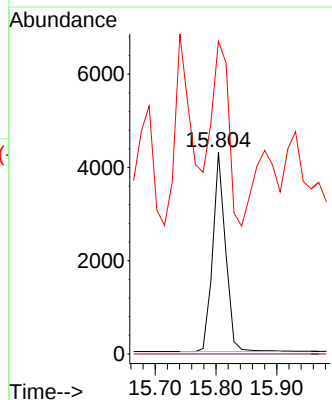
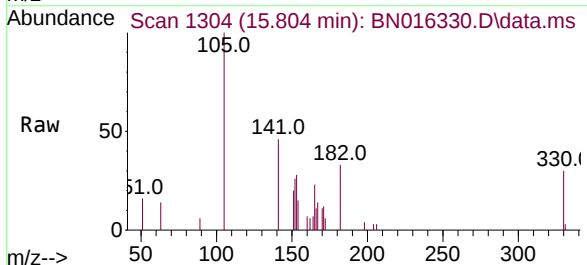
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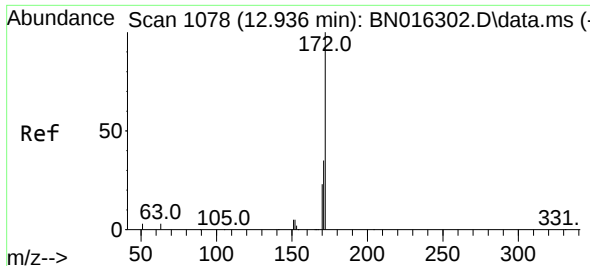
Tgt Ion:164 Resp: 73565
Ion Ratio Lower Upper
164 100
162 100.6 79.0 118.4
160 45.0 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.291 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

Tgt Ion:330 Resp: 6276
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 120.5 25.0 37.4#

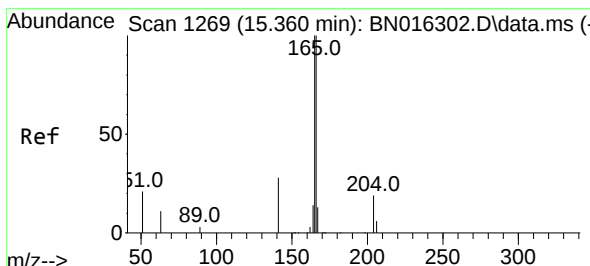
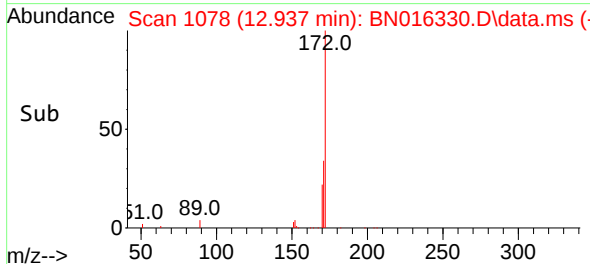
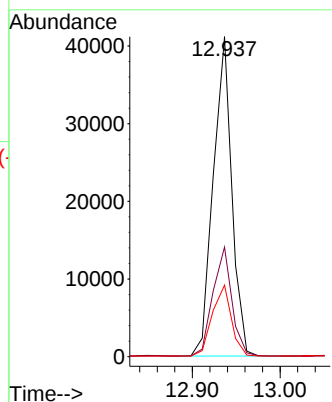
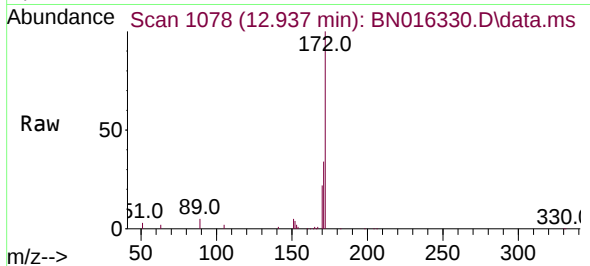




#15
2-Fluorobiphenyl
Concen: 0.210 ng
RT: 12.937 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

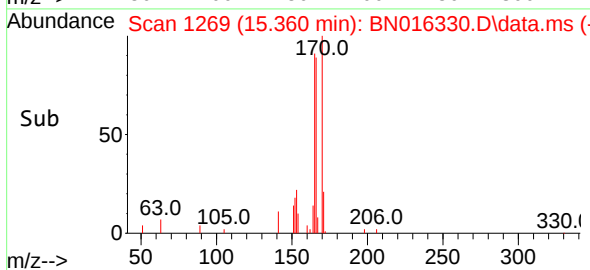
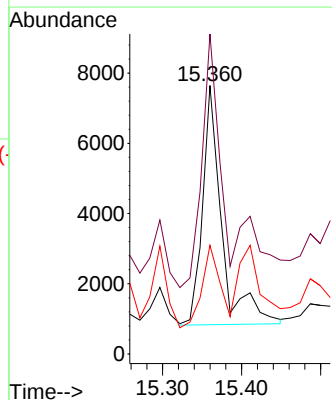
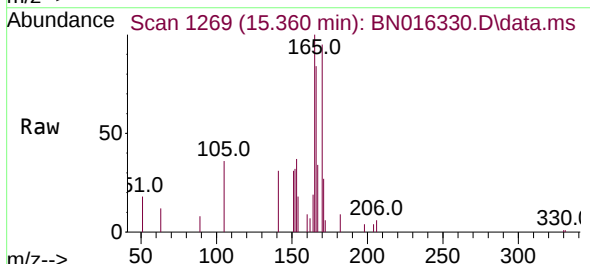
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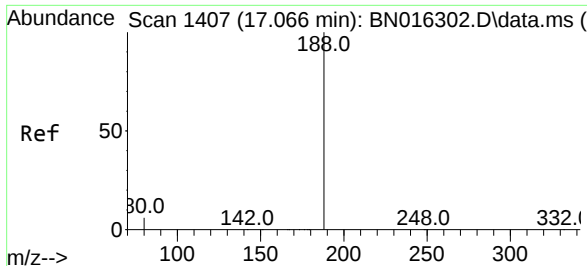
Tgt Ion:	172	Resp:	60335
Ion Ratio	Lower	Upper	
172	100		
171	34.3	27.8	41.6
170	22.3	18.2	27.2



#18
Fluorene
Concen: 0.044 ng
RT: 15.360 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

Tgt Ion:	166	Resp:	11491
Ion Ratio	Lower	Upper	
166	100		
165	106.6	76.7	115.1
167	32.7	10.9	16.3

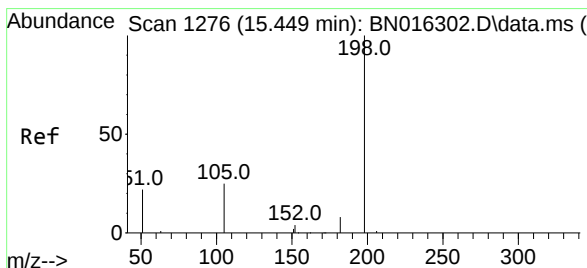
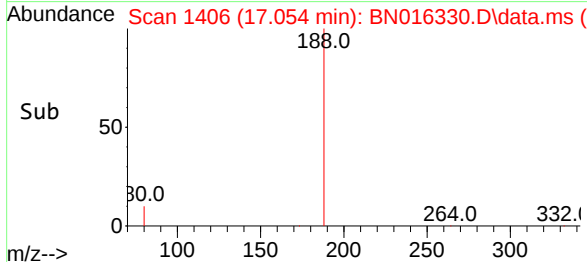
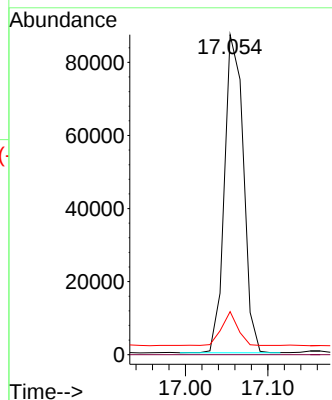
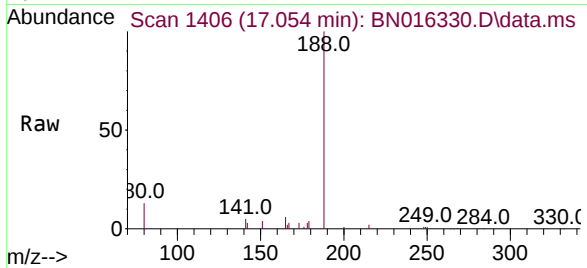




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

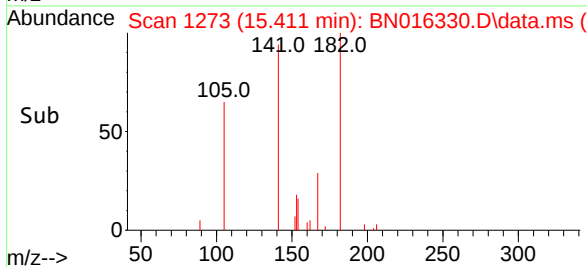
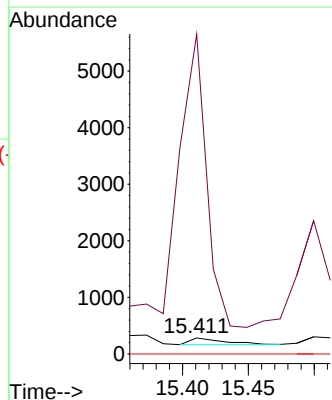
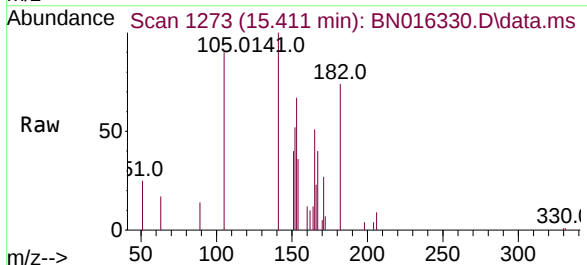
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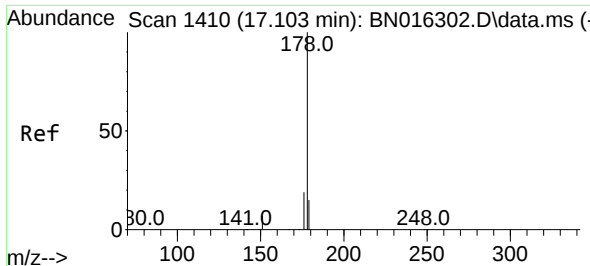
Tgt Ion:188 Resp: 138826
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 7.0 10.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.178 ng
RT: 15.411 min Scan# 1273
Delta R.T. -0.038 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

Tgt Ion:198 Resp: 218
Ion Ratio Lower Upper
198 100
182 2006.0 26.6 39.8#
77 0.0 0.0 0.0

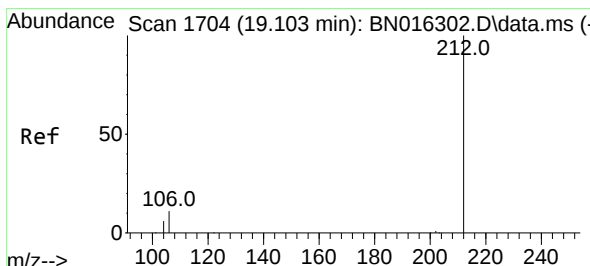
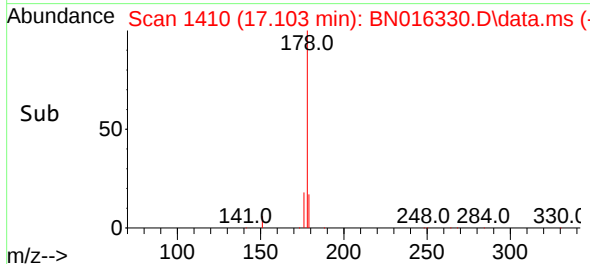
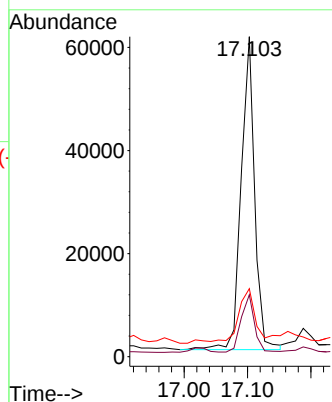
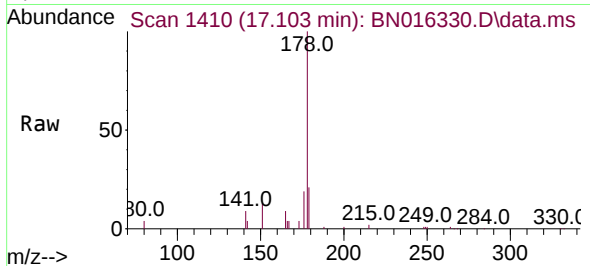




#25
Phenanthrene
Concen: 0.230 ng
RT: 17.103 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

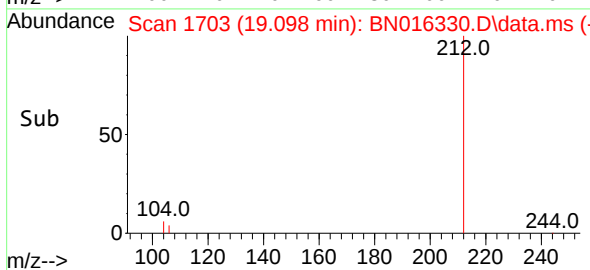
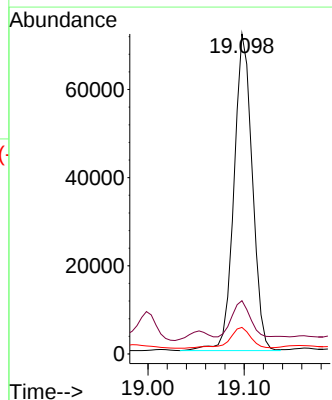
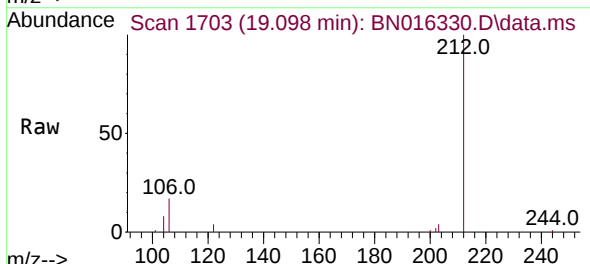
Instrument :
BNA_N
ClientSampleId :
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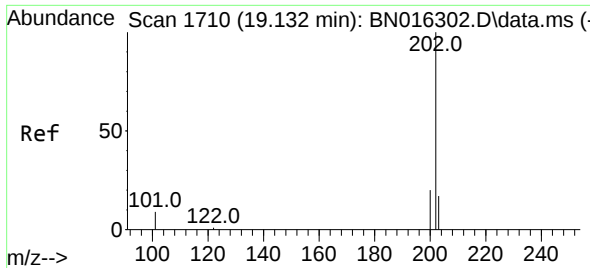
Tgt Ion:178 Resp: 90098
Ion Ratio Lower Upper
178 100
176 18.0 14.4 21.6
179 21.0 12.2 18.4#



#27
Fluoranthene-d10
Concen: 0.237 ng
RT: 19.098 min Scan# 1703
Delta R.T. -0.005 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

Tgt Ion:212 Resp: 95075
Ion Ratio Lower Upper
212 100
106 12.0 9.8 14.6
104 7.6 5.4 8.2

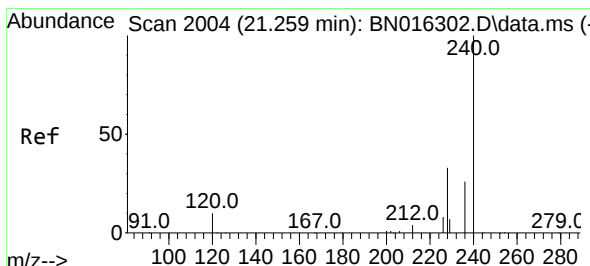
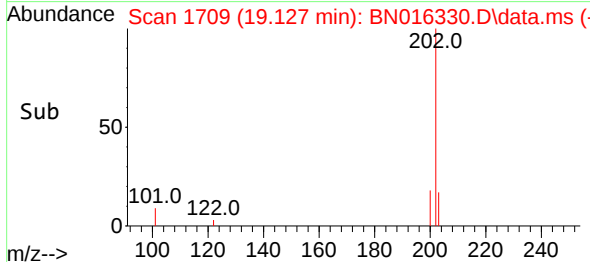
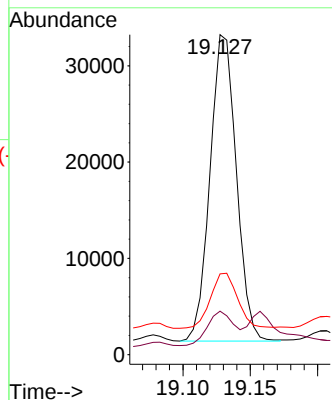
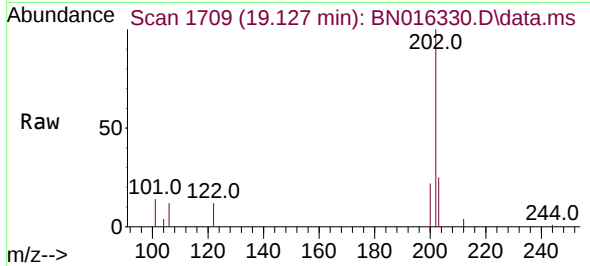




#28
Fluoranthene
Concen: 0.096 ng
RT: 19.127 min Scan# 1709
Delta R.T. -0.005 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

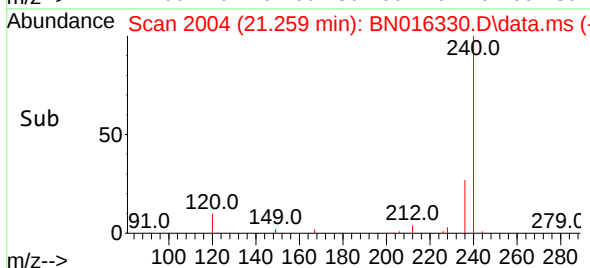
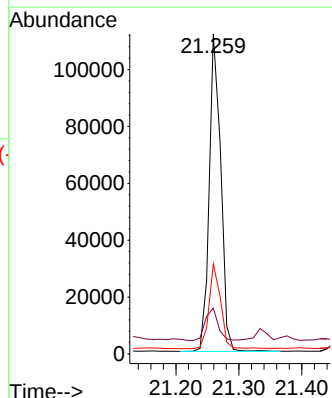
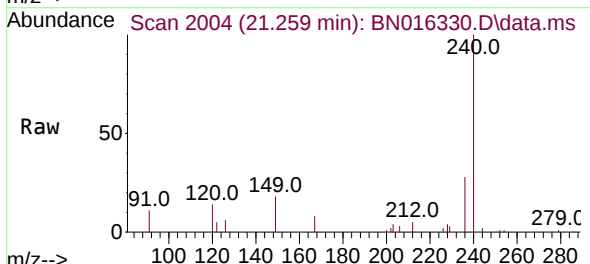
Instrument :
BNA_N
ClientSampleId :
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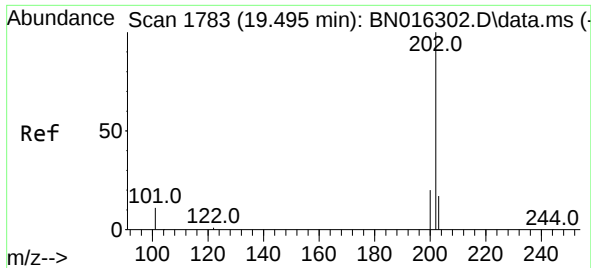
Tgt Ion:	202	Resp:	43476
Ion Ratio	Lower	Upper	
202	100		
101	11.3	8.5	12.7
203	18.6	13.8	20.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

Tgt Ion:	240	Resp:	141326
Ion Ratio	Lower	Upper	
240	100		
120	14.3	5.3	7.9#
236	28.2	19.8	29.8

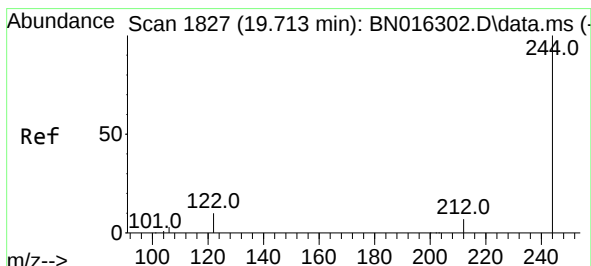
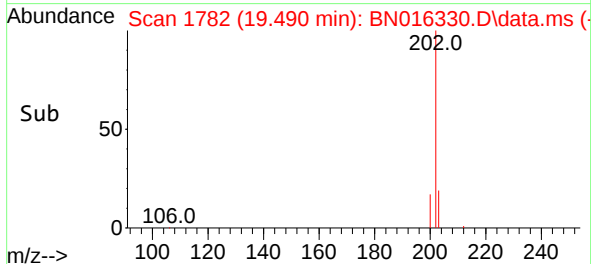
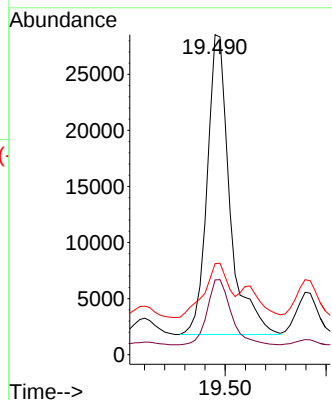
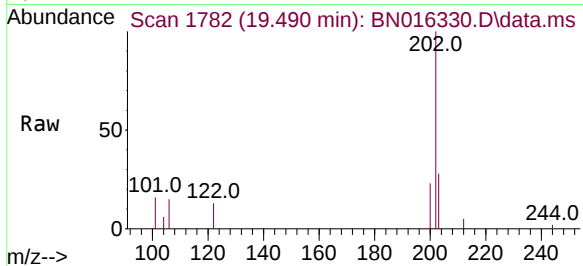




#30
Pyrene
Concen: 0.093 ng
RT: 19.490 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

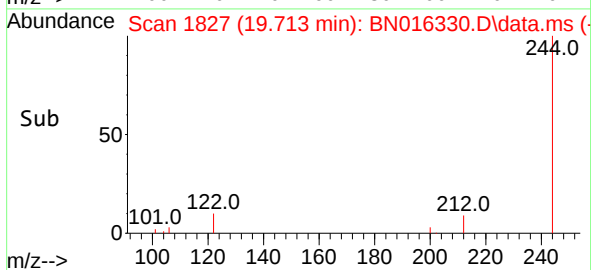
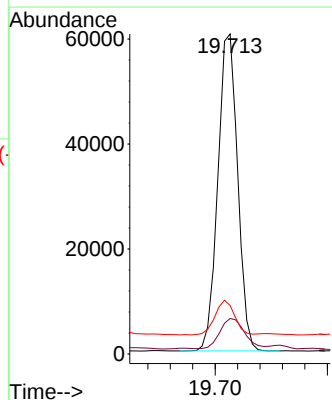
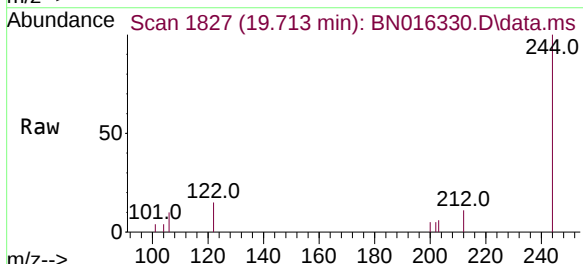
Instrument :
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ClientSampleId :
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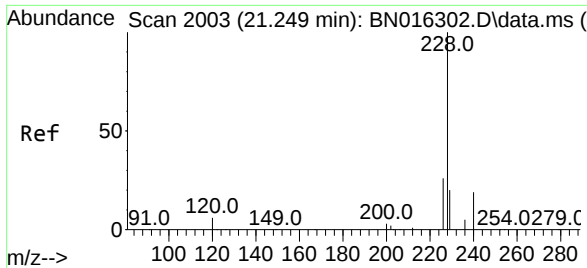
Tgt Ion:	202	Resp:	41710
Ion Ratio	Lower	Upper	
202	100		
200	23.0	15.8	23.6
203	19.7	13.9	20.9



#31
Terphenyl-d14
Concen: 0.226 ng
RT: 19.713 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

Tgt Ion:	244	Resp:	74051
Ion Ratio	Lower	Upper	
244	100		
212	11.1	5.5	8.3#
122	15.2	9.0	13.4#

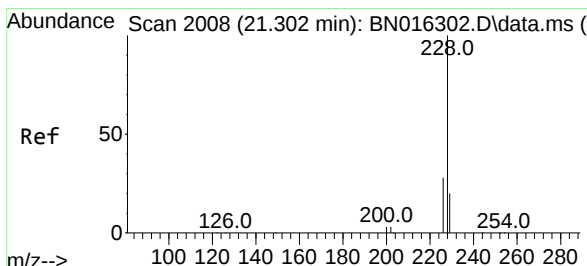
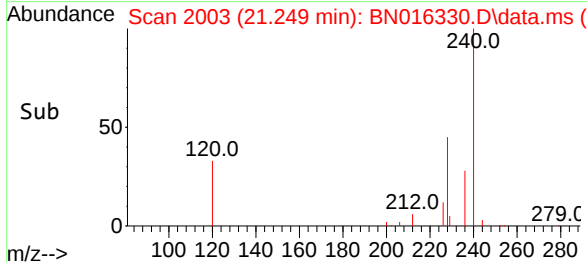
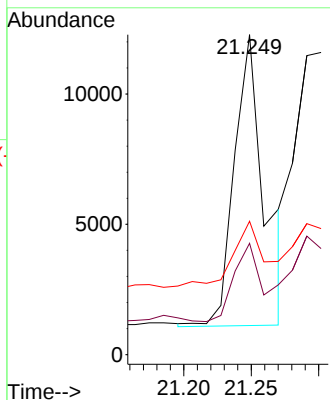
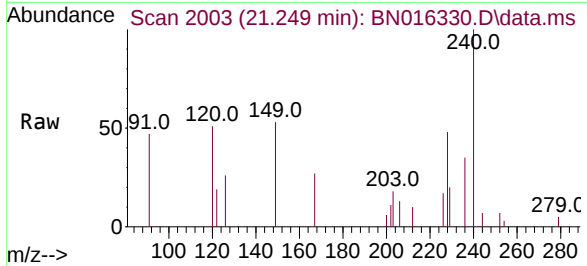




#32
Benzo(a)anthracene
Concen: 0.038 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

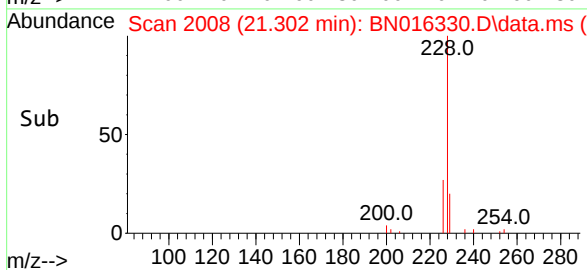
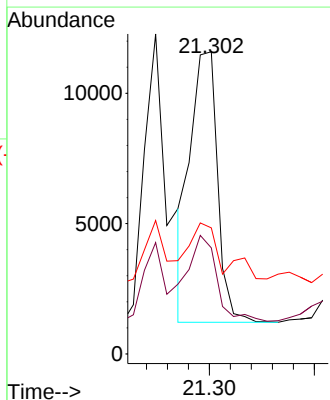
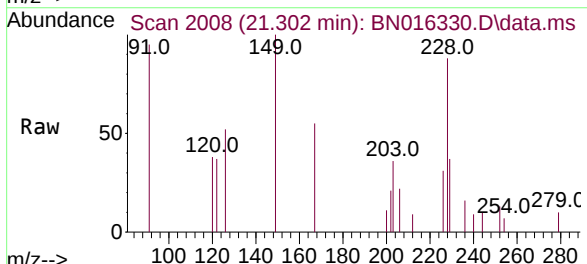
Instrument :
BNA_N
ClientSampleId :
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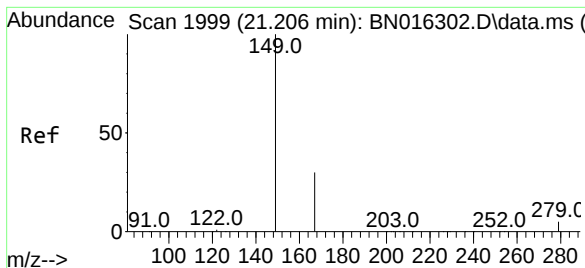
Tgt Ion:228 Resp: 17299
Ion Ratio Lower Upper
228 100
226 34.8 20.8 31.2#
229 41.7 15.8 23.6#



#33
Chrysene
Concen: 0.043 ng
RT: 21.302 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

Tgt Ion:228 Resp: 18750
Ion Ratio Lower Upper
228 100
226 35.1 23.0 34.4#
229 41.7 15.6 23.4#

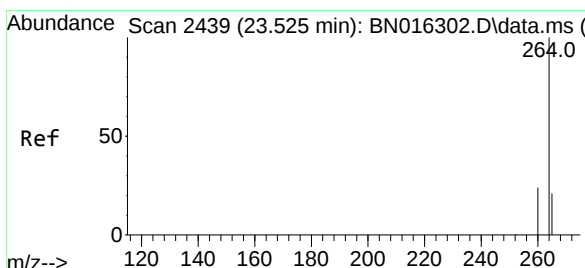
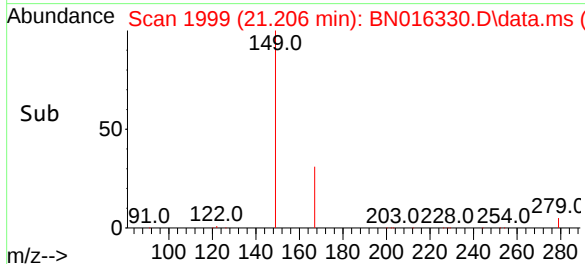
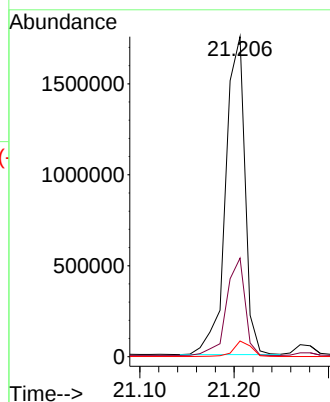
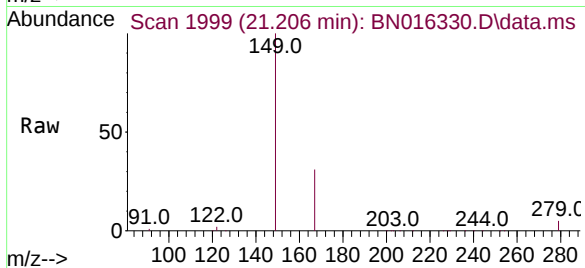




#34
Bis(2-ethylhexyl)phthalate
Concen: 10.150 ng
RT: 21.206 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

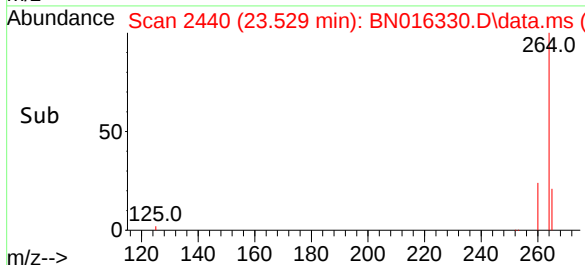
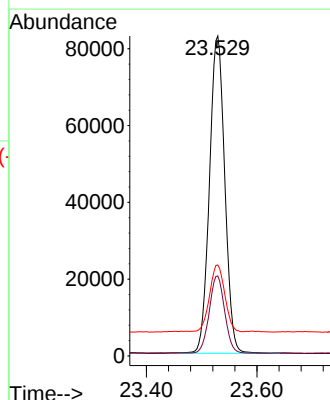
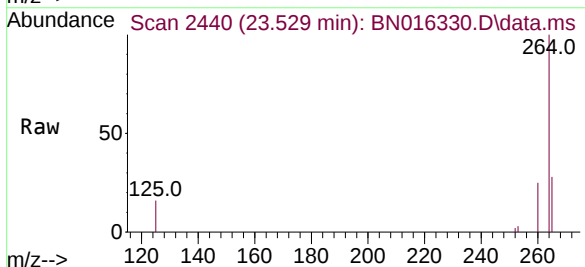
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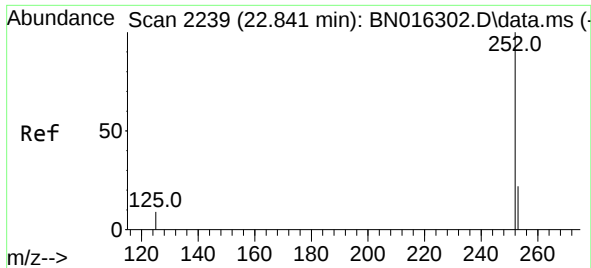
Tgt Ion:149 Resp: 2485416
Ion Ratio Lower Upper
149 100
167 29.3 23.4 35.0
279 4.4 3.9 5.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.529 min Scan# 2440
Delta R.T. 0.004 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

Tgt Ion:264 Resp: 158874
Ion Ratio Lower Upper
264 100
260 25.0 18.9 28.3
265 28.5 23.7 35.5

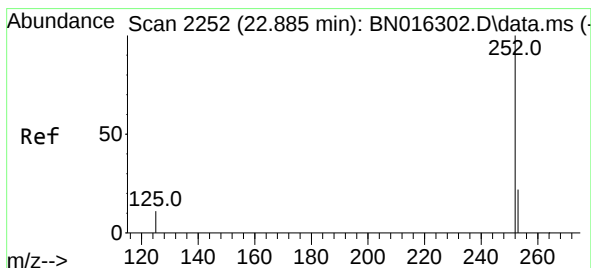
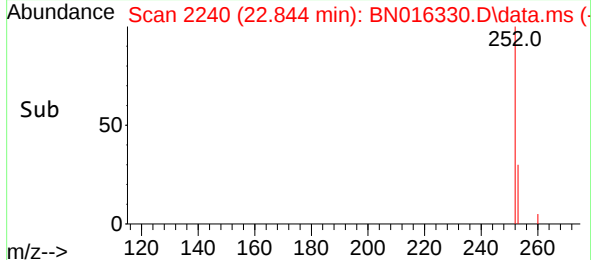
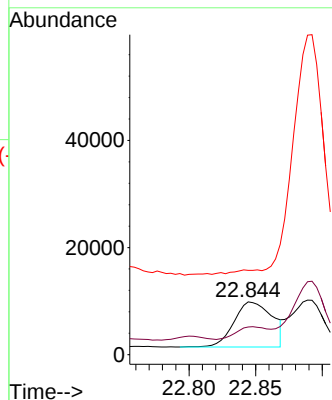
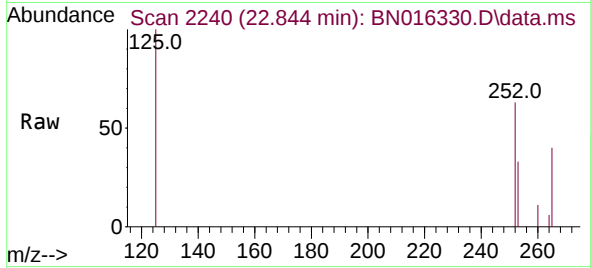




#37
Benzo(b)fluoranthene
Concen: 0.034 ng
RT: 22.844 min Scan# 2240
Delta R.T. 0.004 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

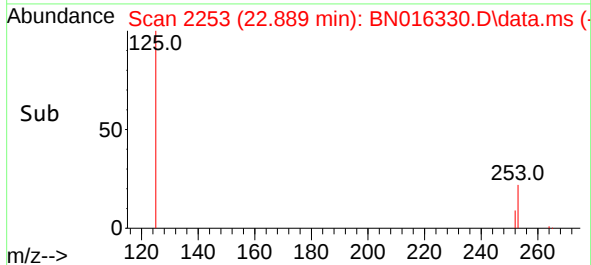
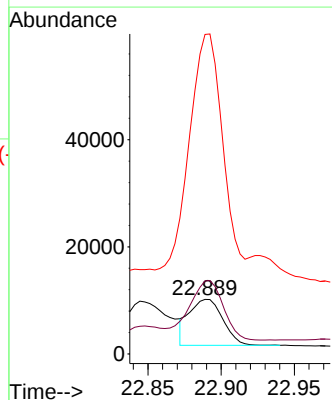
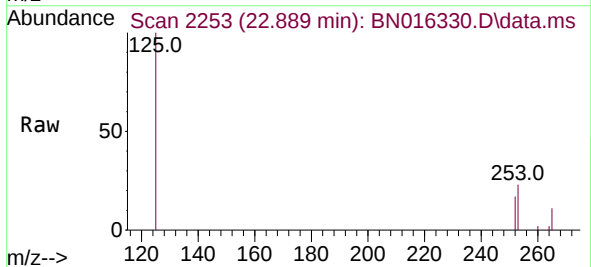
Instrument :
BNA_N
ClientSampleId :
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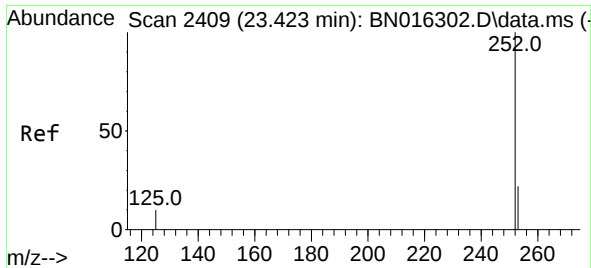
Tgt Ion:252 Resp: 16934
Ion Ratio Lower Upper
252 100
253 52.5 18.2 27.2#
125 159.8 8.4 12.6#



#38
Benzo(k)fluoranthene
Concen: 0.028 ng
RT: 22.889 min Scan# 2253
Delta R.T. 0.004 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

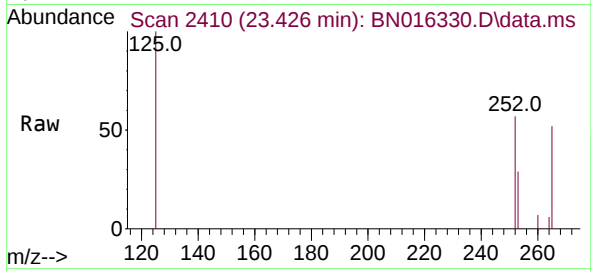
Tgt Ion:252 Resp: 13737
Ion Ratio Lower Upper
252 100
253 133.9 18.2 27.2#
125 586.1 8.2 12.4#





#39
Benzo(a)pyrene
Concen: 0.022 ng
RT: 23.426 min Scan# 2410
Delta R.T. 0.004 min
Lab File: BN016330.D
Acq: 18 Sep 2021 12:08

Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 10088
Ion Ratio Lower Upper
252 100
253 50.1 18.7 28.1#
125 174.7 9.9 14.9#

