

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090421\
 Data File : BN016219.D
 Acq On : 05 Sep 2021 07:58
 Operator : CG/JU
 Sample : M3561-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUPLICATE-082521

Quant Time: Sep 06 06:22:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 06 02:08:58 2021
 Response via : Initial Calibration

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

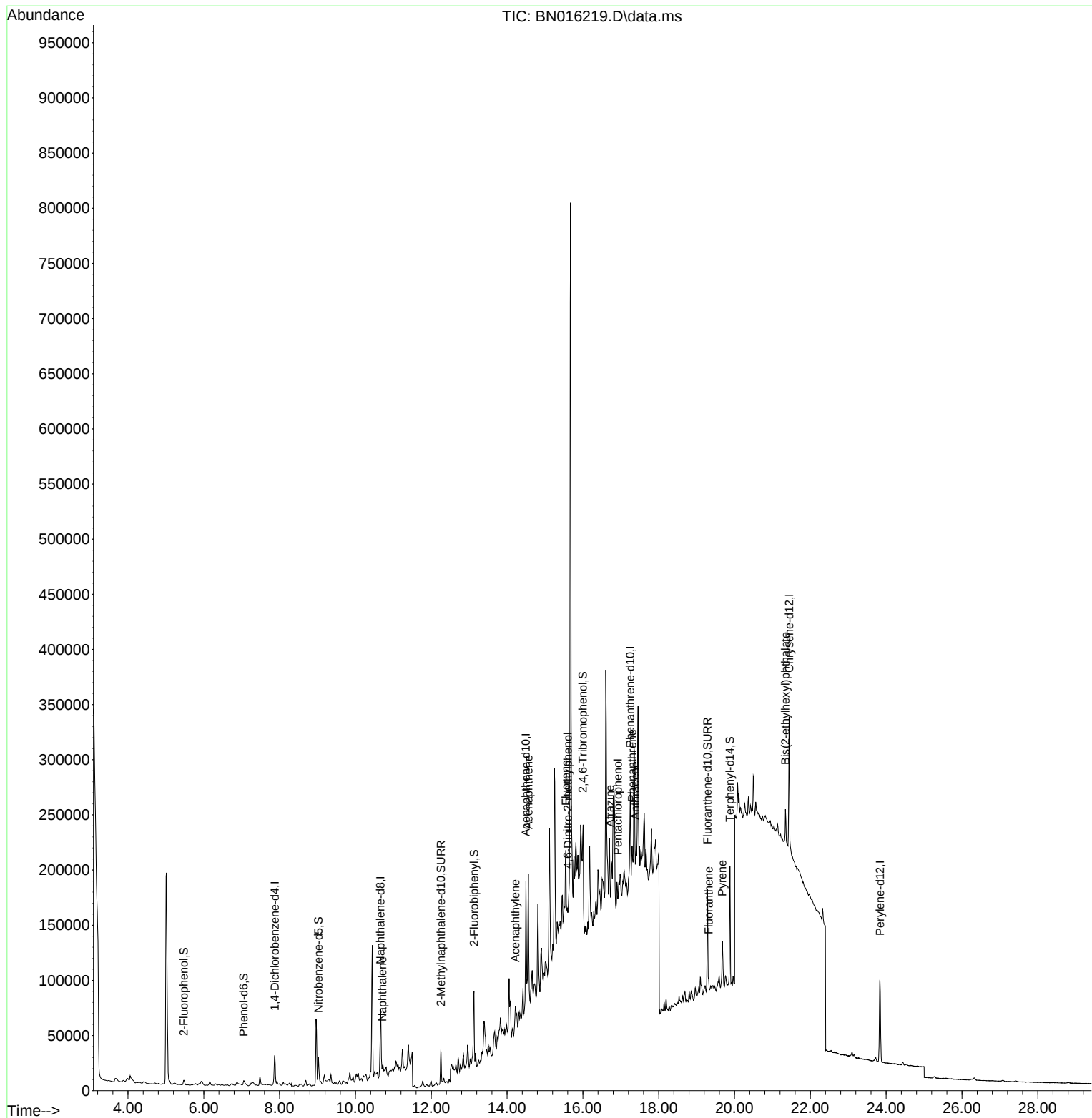
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	15713	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	83909	0.400	ng	# 0.00
13) Acenaphthene-d10	14.497	164	65552	0.400	ng	# 0.00
19) Phenanthrene-d10	17.249	188	104998	0.400	ng	# 0.00
29) Chrysene-d12	21.440	240	110874	0.400	ng	# 0.01
35) Perylene-d12	23.837	264	111614	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.475	112	5720	0.129	ng	0.02
5) Phenol-d6	7.052	99	4433	0.078	ng	0.02
8) Nitrobenzene-d5	9.025	82	23165	0.344	ng	0.00
11) 2-Methylnaphthalene-d10	12.252	152	45715	0.342	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	9558	0.327	ng	0.00
15) 2-Fluorobiphenyl	13.127	172	65564	0.265	ng	0.00
27) Fluoranthene-d10	19.286	212	109907	0.349	ng	0.00
31) Terphenyl-d14	19.877	244	102349	0.365	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.711	128	5355	0.024	ng	# 20
16) Acenaphthylene	14.218	152	17635	0.060	ng	# 62
17) Acenaphthene	14.560	154	57485	0.309	ng	# 90
18) Fluorene	15.550	166	44310	0.189	ng	# 28
20) 4,6-Dinitro-2-methylph...	15.601	198	405	0.327	ng	# 1
23) Atrazine	16.713	200	5706	0.102	ng	# 1
24) Pentachlorophenol	16.920	266	291	0.376	ng	85
25) Phenanthrene	17.297	178	6384	0.022	ng	# 1
26) Anthracene	17.383	178	24141	0.086	ng	# 62
28) Fluoranthene	19.316	202	12740	0.037	ng	# 89
30) Pyrene	19.678	202	39894	0.110	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.344	149	28998	0.116	ng	# 87

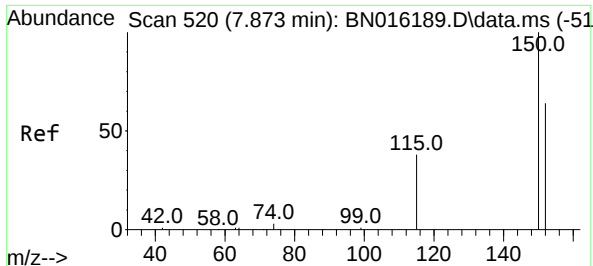
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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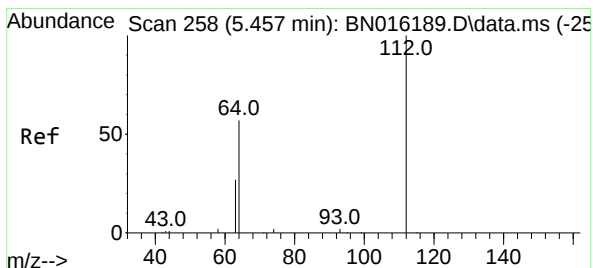
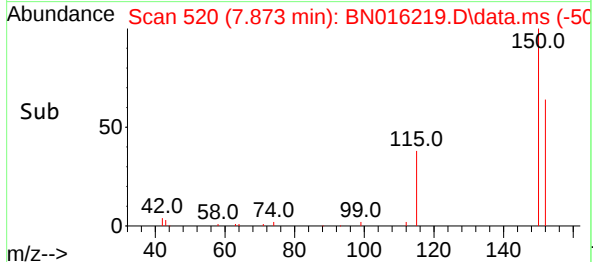
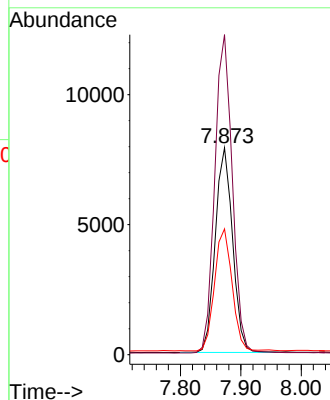
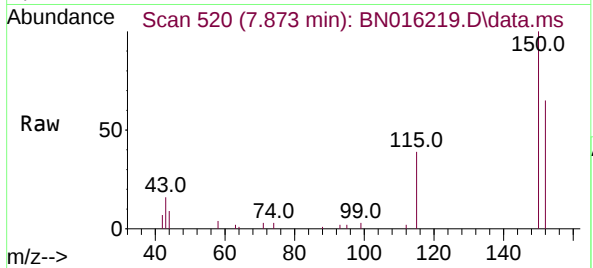




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.873 min Scan# 520
Delta R.T. -0.000 min
Lab File: BN016219.D
Acq: 05 Sep 2021 07:58

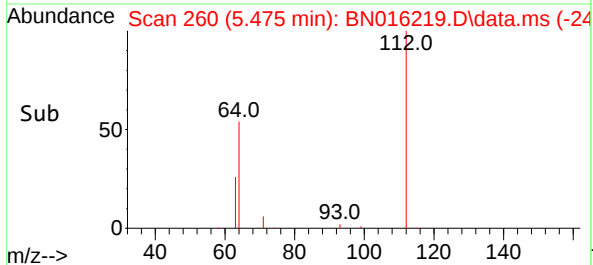
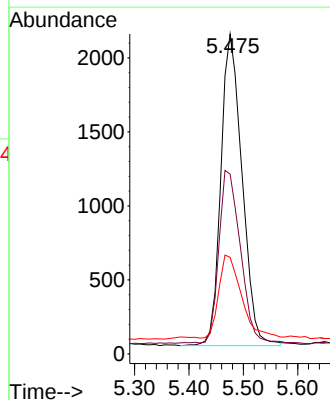
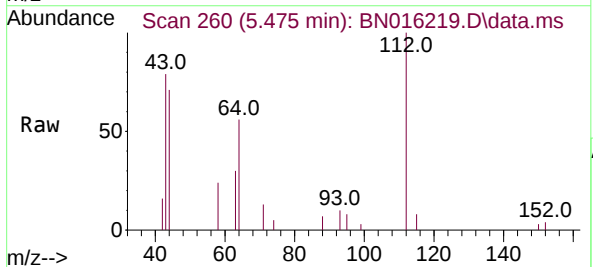
Instrument :
BNA_N
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DUPLICATE-082521

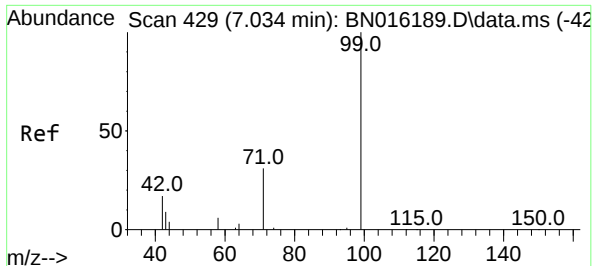
Tgt Ion:152 Resp: 15713
Ion Ratio Lower Upper
152 100
150 154.7 125.3 187.9
115 60.8 48.4 72.6



#4
2-Fluorophenol
Concen: 0.129 ng
RT: 5.475 min Scan# 260
Delta R.T. 0.018 min
Lab File: BN016219.D
Acq: 05 Sep 2021 07:58

Tgt Ion:112 Resp: 5720
Ion Ratio Lower Upper
112 100
64 56.2 46.8 70.2
63 28.5 22.7 34.1

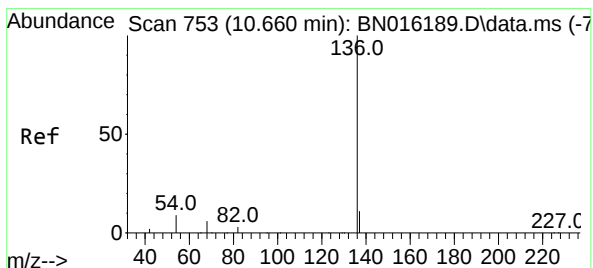
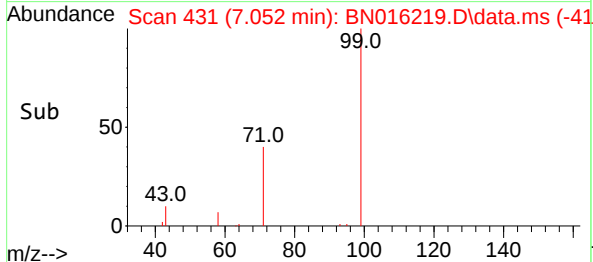
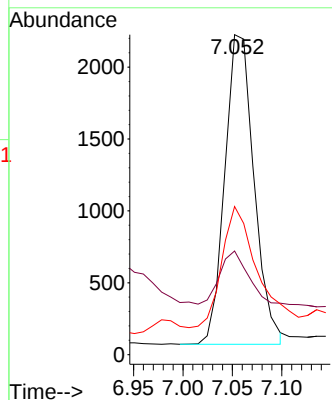
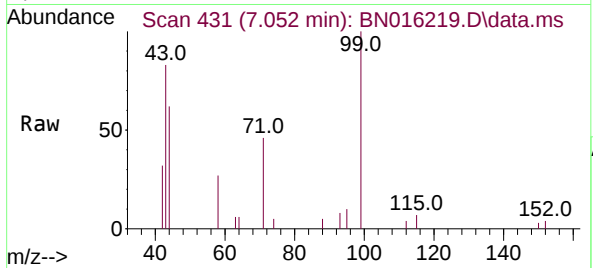




#5
Phenol-d6
Concen: 0.078 ng
RT: 7.052 min Scan# 431
Delta R.T. 0.018 min
Lab File: BN016219.D
Acq: 05 Sep 2021 07:58

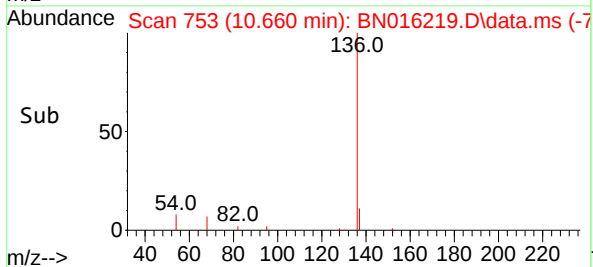
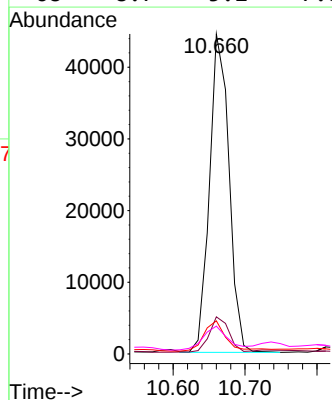
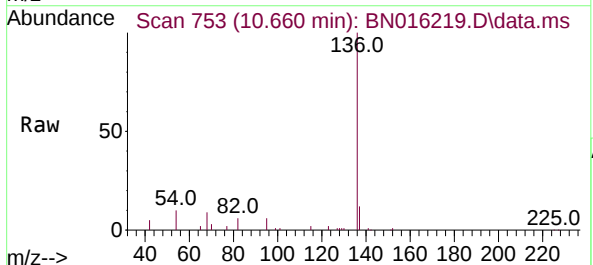
Instrument :
BNA_N
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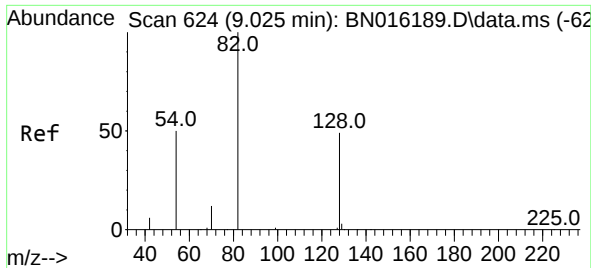
Tgt Ion: 99 Resp: 4433
Ion Ratio Lower Upper
99 100
42 16.4 13.8 20.6
71 45.8 24.3 36.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. 0.000 min
Lab File: BN016219.D
Acq: 05 Sep 2021 07:58

Tgt Ion: 136 Resp: 83909
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 10.3 7.2 10.8
68 8.7 5.2 7.8#

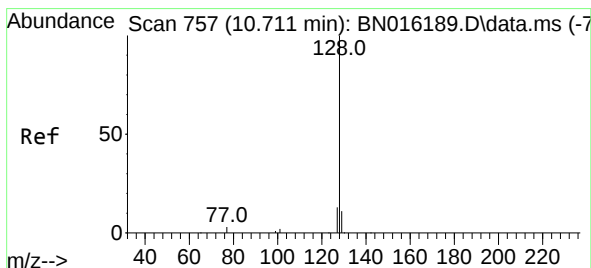
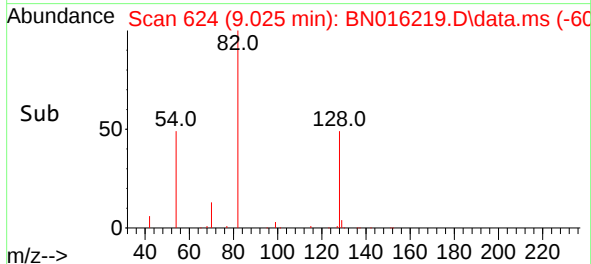
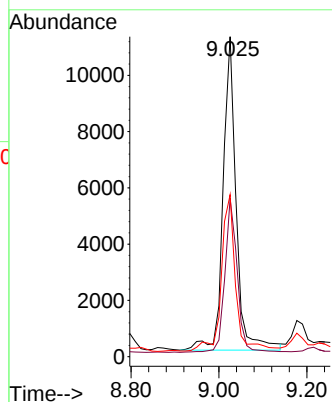
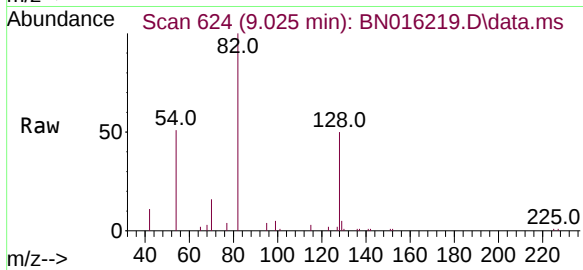




#8
Nitrobenzene-d5
Concen: 0.344 ng
RT: 9.025 min Scan# 624
Delta R.T. 0.000 min
Lab File: BN016219.D
Acq: 05 Sep 2021 07:58

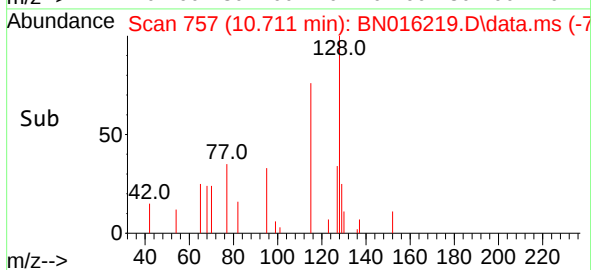
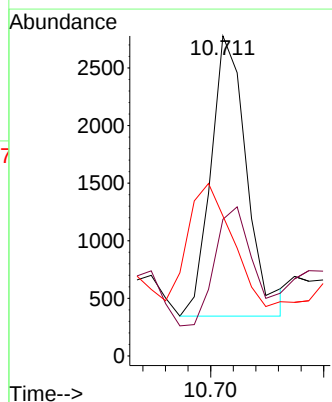
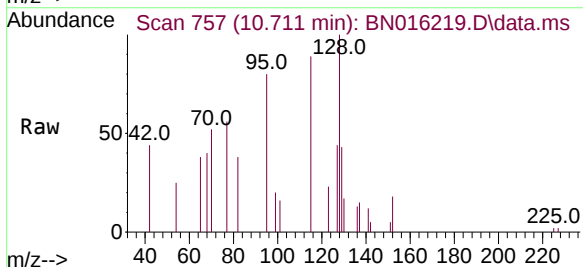
Instrument :
BNA_N
ClientSampleId :
DUPLICATE-082521

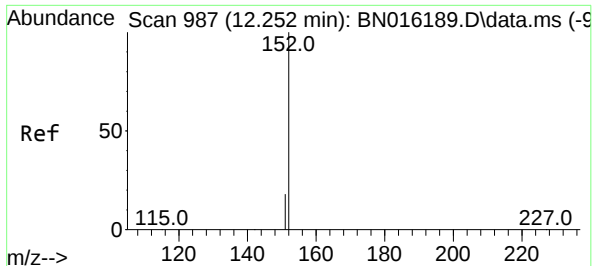
Tgt Ion: 82 Resp: 23165
Ion Ratio Lower Upper
82 100
128 49.6 39.3 58.9
54 50.6 40.2 60.4



#9
Naphthalene
Concen: 0.024 ng
RT: 10.711 min Scan# 757
Delta R.T. 0.000 min
Lab File: BN016219.D
Acq: 05 Sep 2021 07:58

Tgt Ion: 128 Resp: 5355
Ion Ratio Lower Upper
128 100
129 42.7 8.9 13.3#
127 43.7 10.4 15.6#

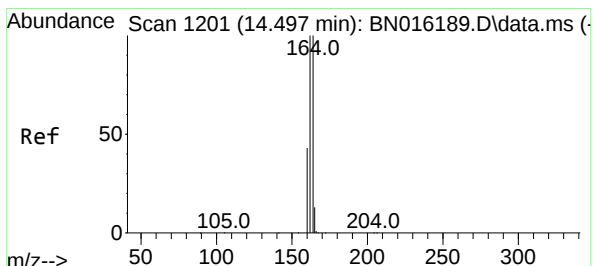
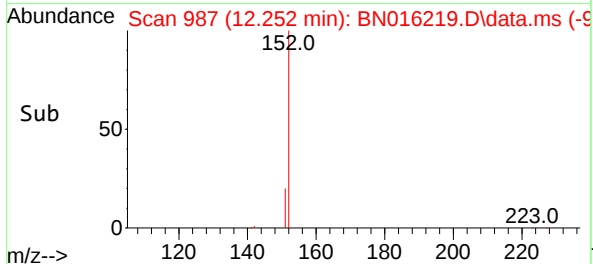
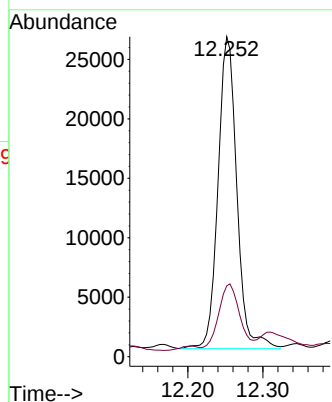
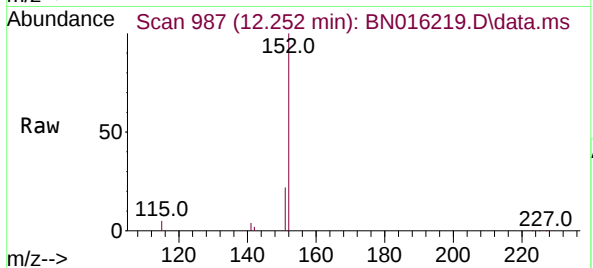




#11
2-Methylnaphthalene-d10
Concen: 0.342 ng
RT: 12.252 min Scan# 987
Delta R.T. 0.000 min
Lab File: BN016219.D
Acq: 05 Sep 2021 07:58

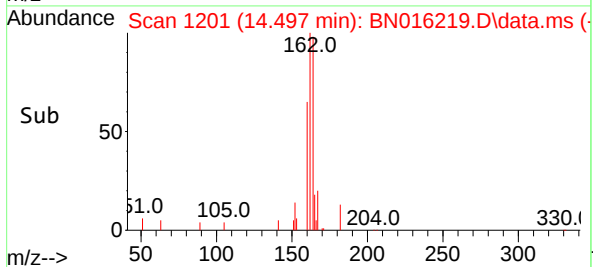
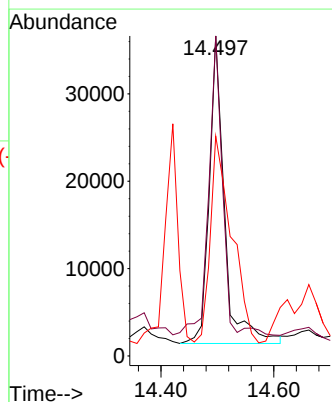
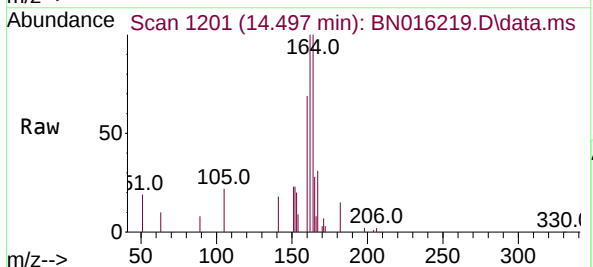
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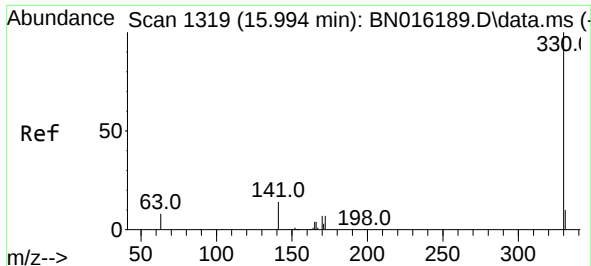
Tgt Ion:152 Resp: 45715
Ion Ratio Lower Upper
152 100
151 22.5 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.497 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BN016219.D
Acq: 05 Sep 2021 07:58

Tgt Ion:164 Resp: 65552
Ion Ratio Lower Upper
164 100
162 100.0 79.8 119.6
160 68.7 34.2 51.4#

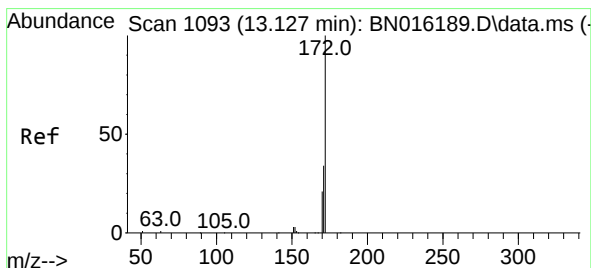
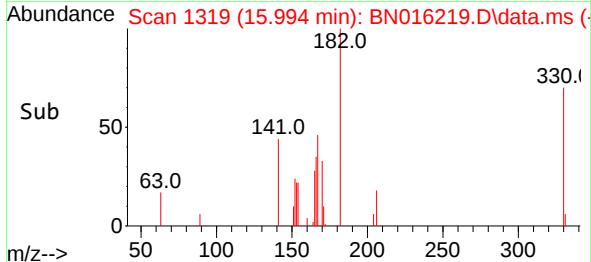
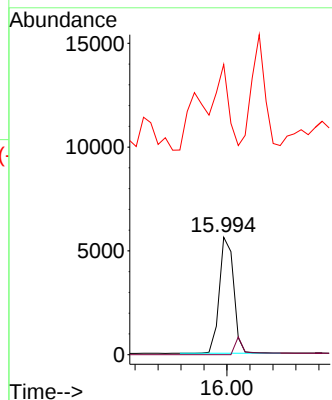
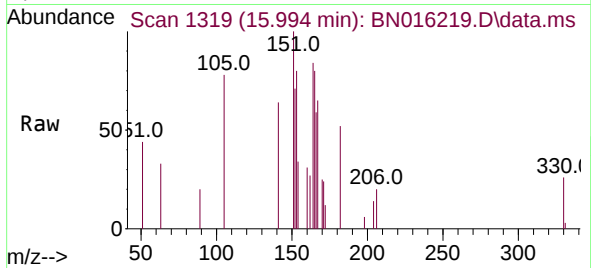




#14
2,4,6-Tribromophenol
Concen: 0.327 ng
RT: 15.994 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN016219.D
Acq: 05 Sep 2021 07:58

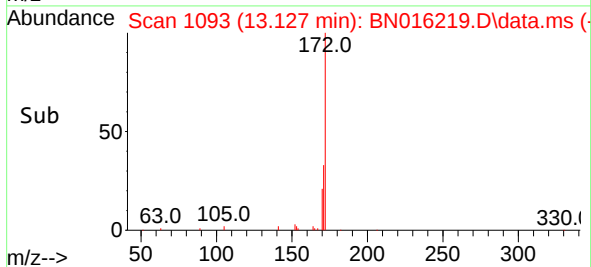
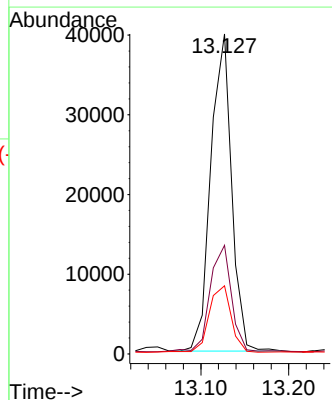
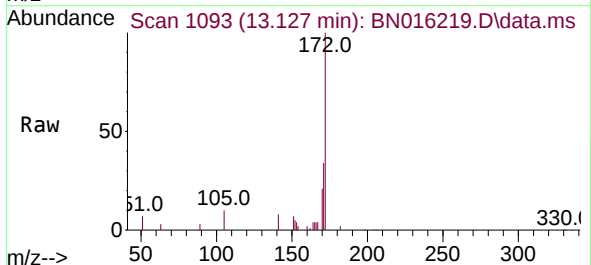
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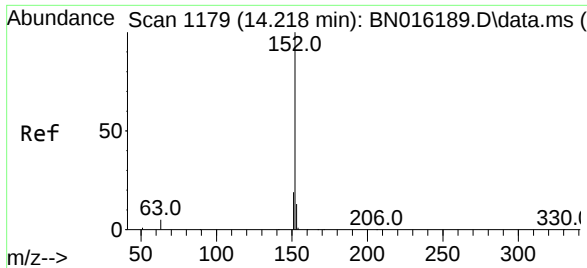
Tgt Ion:330 Resp: 9558
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 63.8 25.4 38.2#



#15
2-Fluorobiphenyl
Concen: 0.265 ng
RT: 13.127 min Scan# 1093
Delta R.T. 0.000 min
Lab File: BN016219.D
Acq: 05 Sep 2021 07:58

Tgt Ion:172 Resp: 65564
Ion Ratio Lower Upper
172 100
171 34.0 26.9 40.3
170 21.3 17.1 25.7

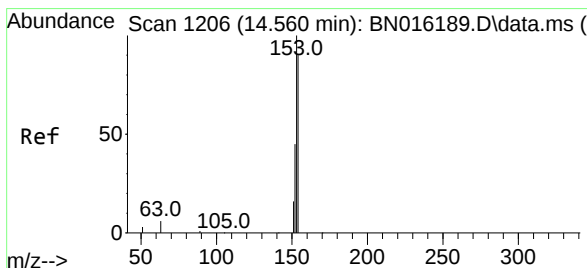
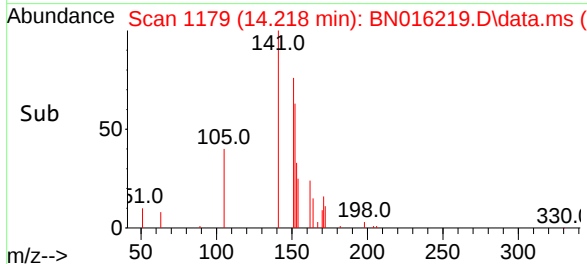
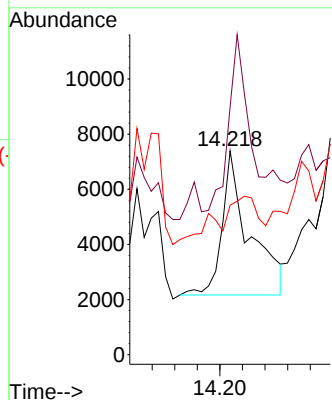
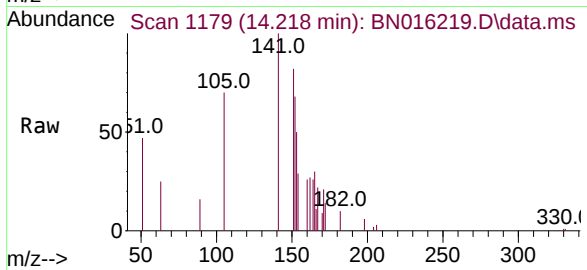




#16
Acenaphthylene
Concen: 0.060 ng
RT: 14.218 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BN016219.D
Acq: 05 Sep 2021 07:58

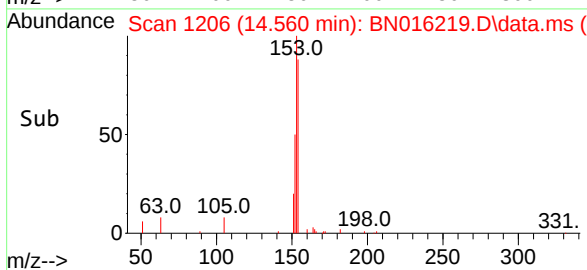
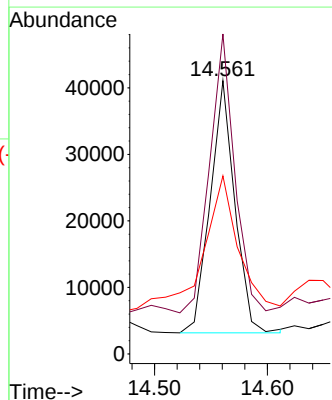
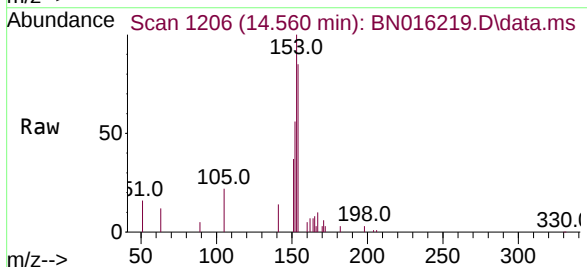
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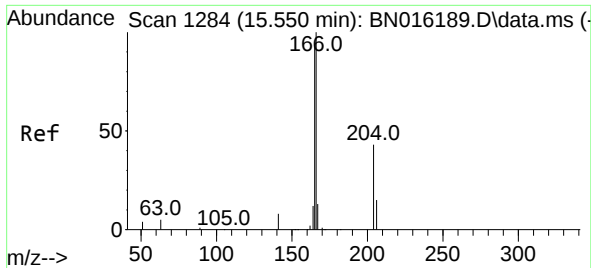
Tgt Ion:152 Resp: 17635
Ion Ratio Lower Upper
152 100
151 0.0 15.3 22.9#
153 0.0 10.4 15.6#



#17
Acenaphthene
Concen: 0.309 ng
RT: 14.560 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BN016219.D
Acq: 05 Sep 2021 07:58

Tgt Ion:154 Resp: 57485
Ion Ratio Lower Upper
154 100
153 112.4 89.1 133.7
152 72.2 41.2 61.8#

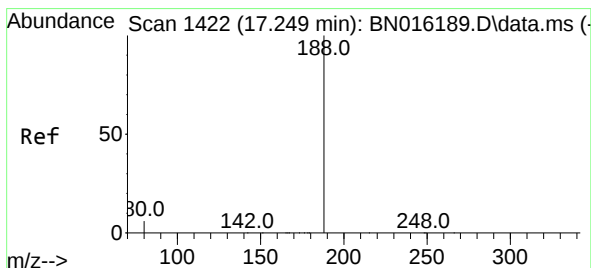
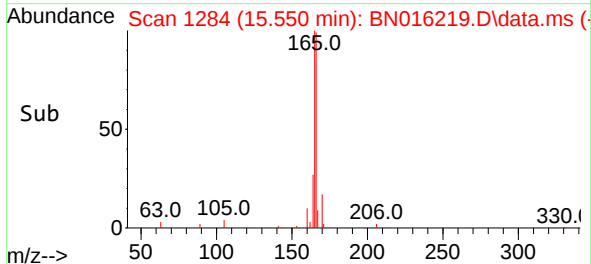
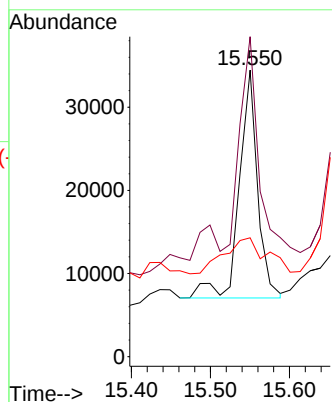
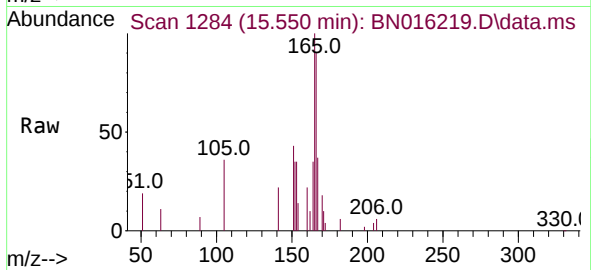




#18
Fluorene
Concen: 0.189 ng
RT: 15.550 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BN016219.D
Acq: 05 Sep 2021 07:58

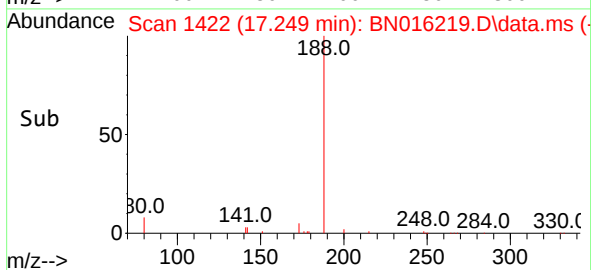
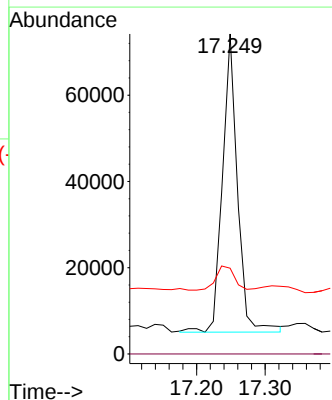
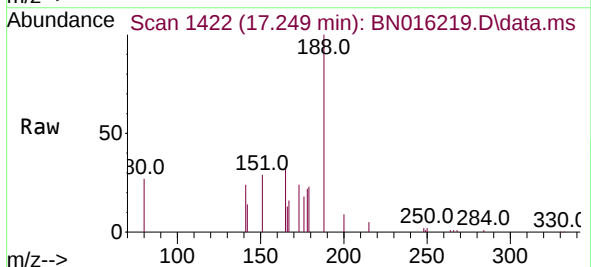
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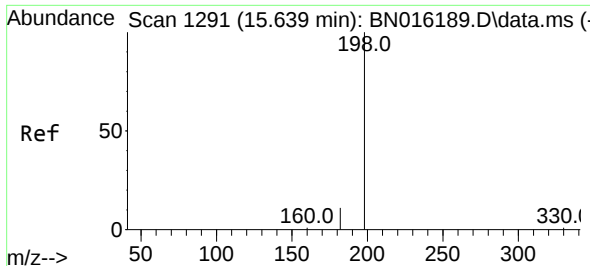
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Ion Ratio Lower Upper
166 100
165 168.5 77.0 115.6#
167 36.5 10.9 16.3#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.249 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN016219.D
Acq: 05 Sep 2021 07:58

Tgt Ion:188 Resp: 104998
Ion Ratio Lower Upper
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94 0.0 0.0 0.0
80 26.8 5.0 7.6#

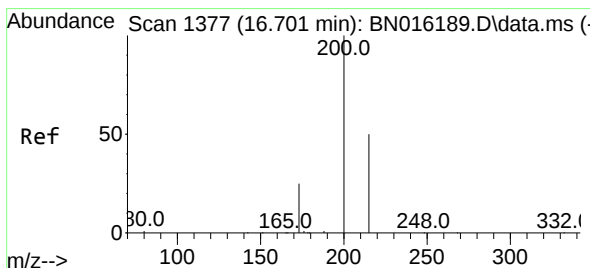
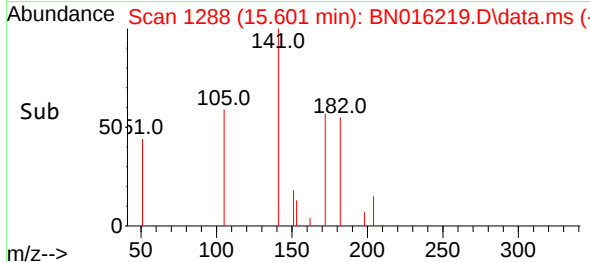
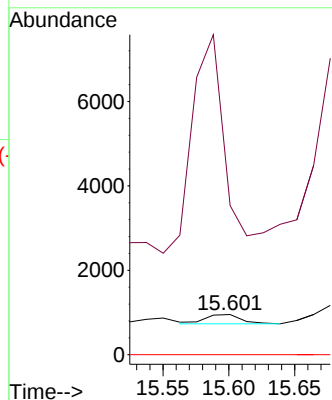
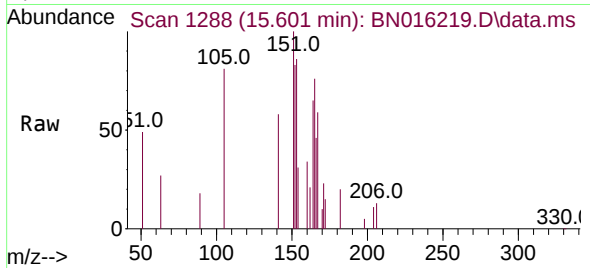




#20
4,6-Dinitro-2-methylphenol
Concen: 0.327 ng
RT: 15.601 min Scan# 1288
Delta R.T. -0.038 min
Lab File: BN016219.D
Acq: 05 Sep 2021 07:58

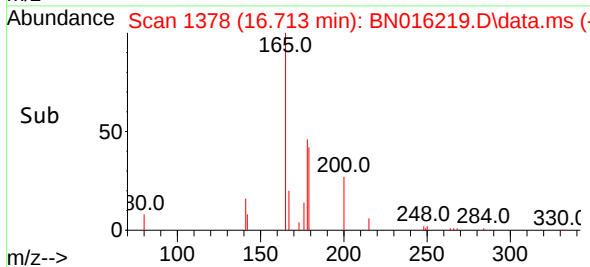
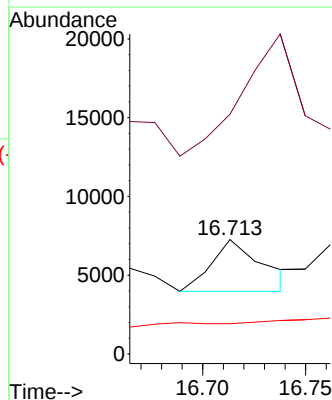
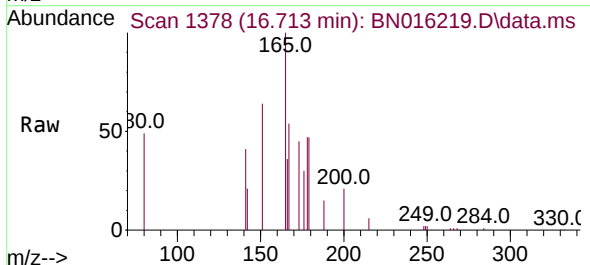
Instrument :
BNA_N
ClientSampleId :
DUPLICATE-082521

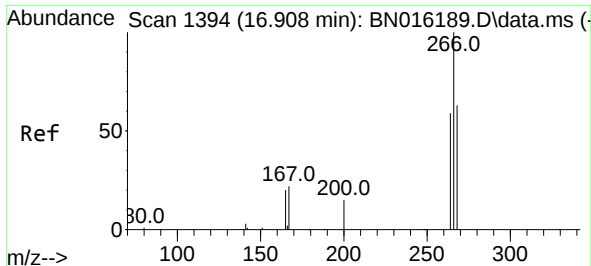
Tgt Ion:198 Resp: 405
Ion Ratio Lower Upper
198 100
182 371.5 28.8 43.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.102 ng
RT: 16.713 min Scan# 1378
Delta R.T. 0.012 min
Lab File: BN016219.D
Acq: 05 Sep 2021 07:58

Tgt Ion:200 Resp: 5706
Ion Ratio Lower Upper
200 100
173 209.5 20.6 31.0#
215 26.4 40.5 60.7#

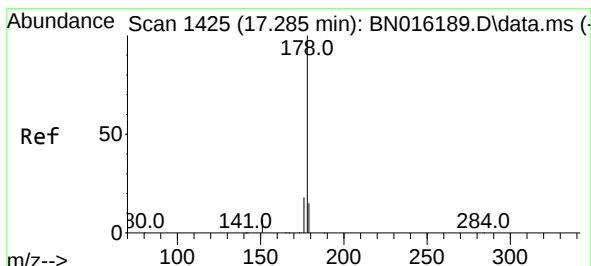
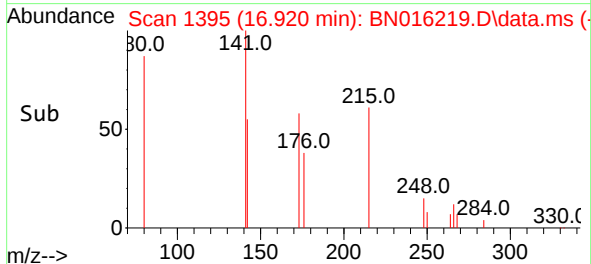
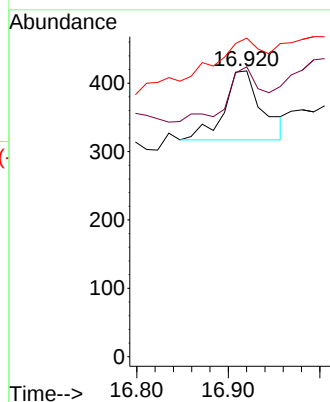
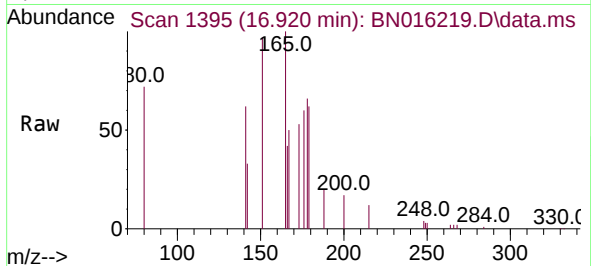




#24
 Pentachlorophenol
 Concen: 0.376 ng
 RT: 16.920 min Scan# 1395
 Delta R.T. 0.012 min
 Lab File: BN016219.D
 Acq: 05 Sep 2021 07:58

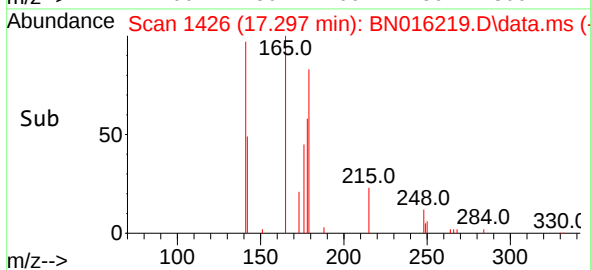
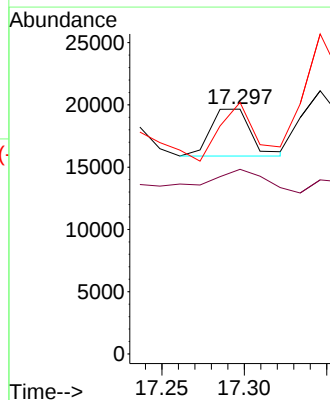
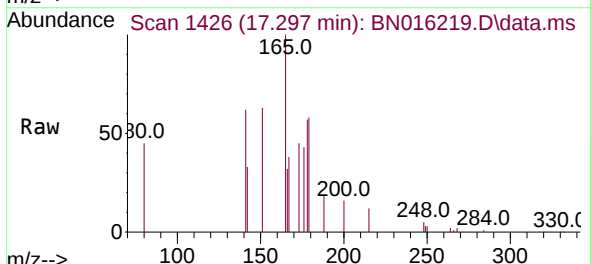
Instrument :
 BNA_N
 ClientSampleId :
 DUPLICATE-082521

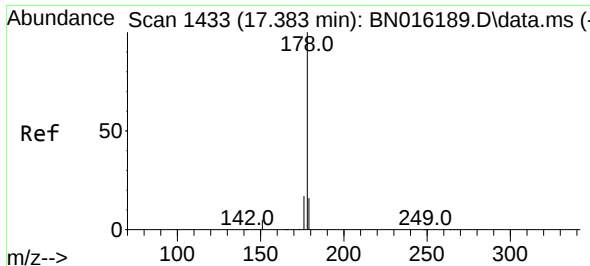
Tgt Ion:	266	Resp:	291
Ion	Ratio	Lower	Upper
266	100		
264	74.6	50.4	75.6
268	74.2	49.6	74.4



#25
 Phenanthrene
 Concen: 0.022 ng
 RT: 17.297 min Scan# 1426
 Delta R.T. 0.012 min
 Lab File: BN016219.D
 Acq: 05 Sep 2021 07:58

Tgt Ion:	178	Resp:	6384
Ion	Ratio	Lower	Upper
178	100		
176	58.8	14.5	21.7#
179	114.4	12.3	18.5#

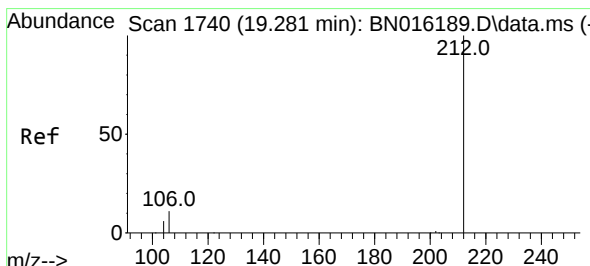
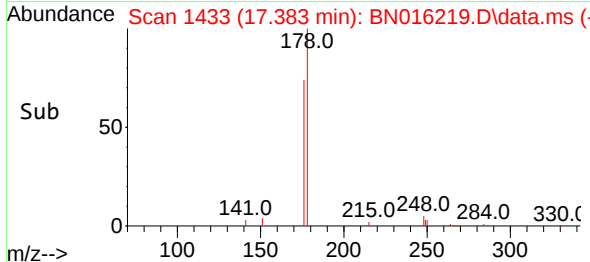
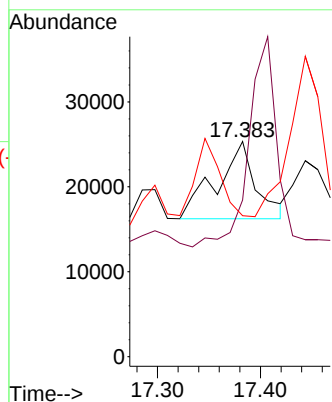
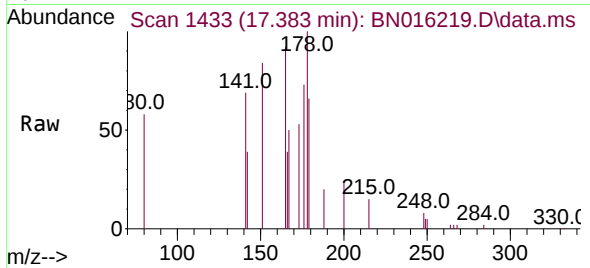




#26
 Anthracene
 Concen: 0.086 ng
 RT: 17.383 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: BN016219.D
 Acq: 05 Sep 2021 07:58

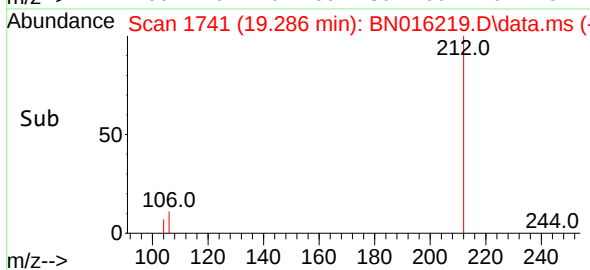
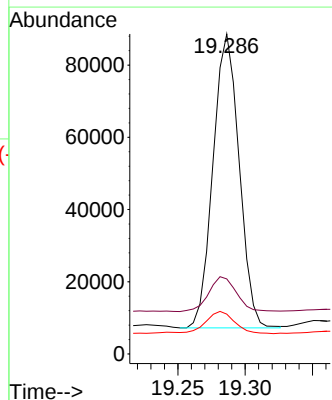
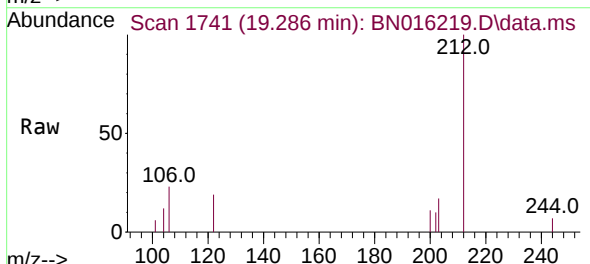
Instrument :
 BNA_N
 ClientSampleId :
 DUPLICATE-082521

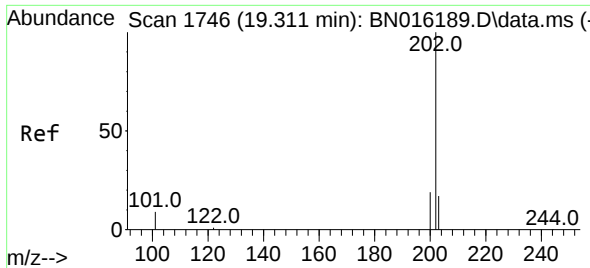
Tgt Ion:178 Resp: 24141
 Ion Ratio Lower Upper
 178 100
 176 0.0 13.8 20.8#
 179 0.0 12.4 18.6#



#27
 Fluoranthene-d10
 Concen: 0.349 ng
 RT: 19.286 min Scan# 1741
 Delta R.T. 0.005 min
 Lab File: BN016219.D
 Acq: 05 Sep 2021 07:58

Tgt Ion:212 Resp: 109907
 Ion Ratio Lower Upper
 212 100
 106 12.4 9.7 14.5
 104 8.2 5.4 8.0#

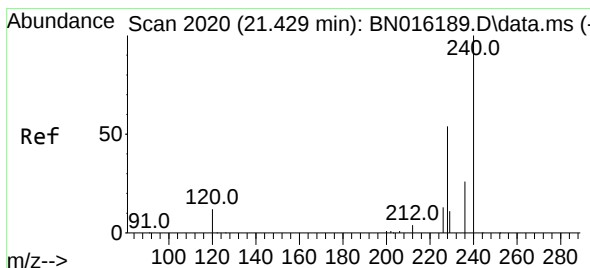
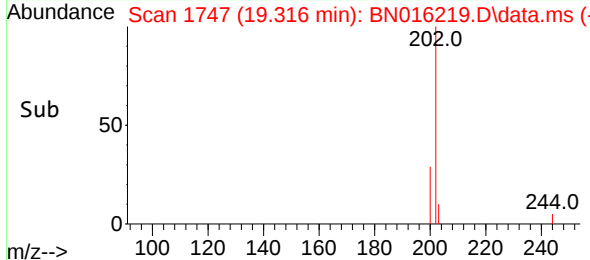
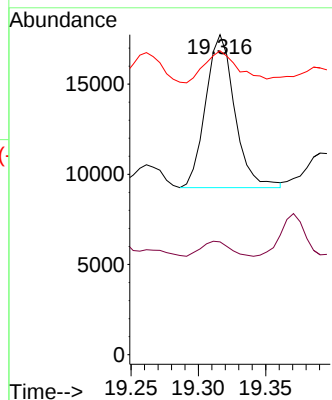
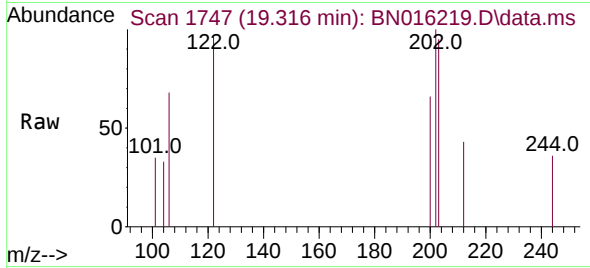




#28
Fluoranthene
Concen: 0.037 ng
RT: 19.316 min Scan# 1747
Delta R.T. 0.005 min
Lab File: BN016219.D
Acq: 05 Sep 2021 07:58

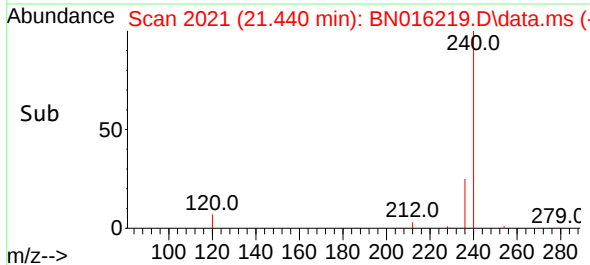
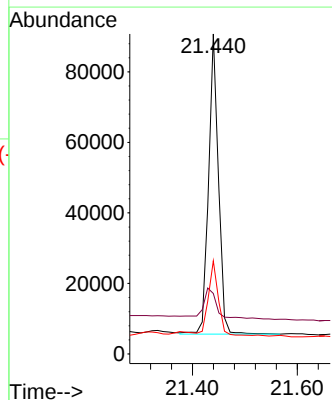
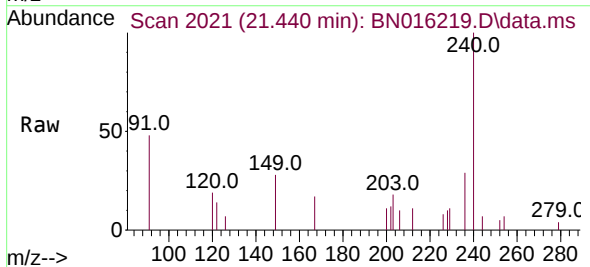
Instrument :
BNA_N
ClientSampleId :
DUPLICATE-082521

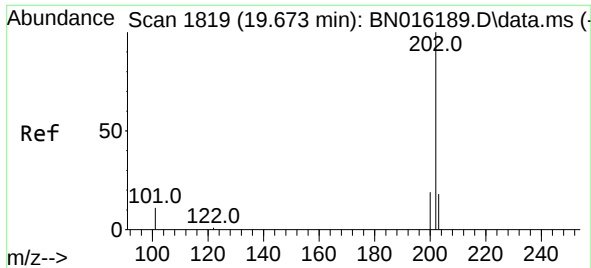
Tgt Ion:202 Resp: 12740
Ion Ratio Lower Upper
202 100
101 9.3 8.4 12.6
203 24.1 13.8 20.8#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.440 min Scan# 2021
Delta R.T. 0.011 min
Lab File: BN016219.D
Acq: 05 Sep 2021 07:58

Tgt Ion:240 Resp: 110874
Ion Ratio Lower Upper
240 100
120 18.9 10.0 15.0#
236 29.1 20.9 31.3

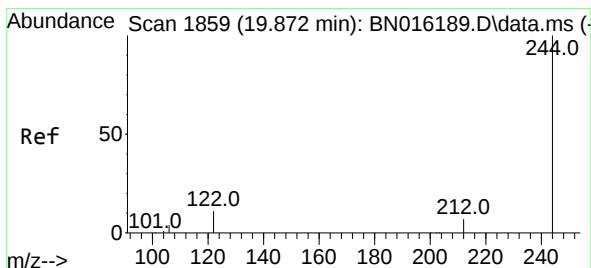
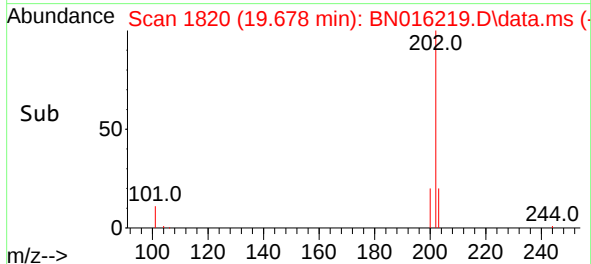
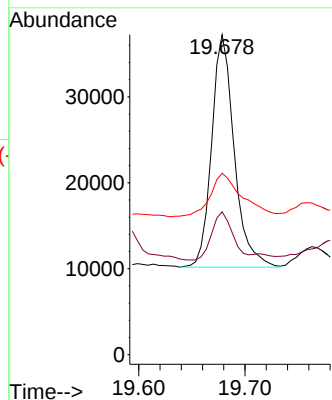
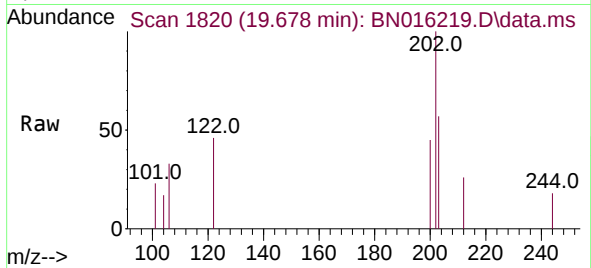




#30
 Pyrene
 Concen: 0.110 ng
 RT: 19.678 min Scan# 1820
 Delta R.T. 0.005 min
 Lab File: BN016219.D
 Acq: 05 Sep 2021 07:58

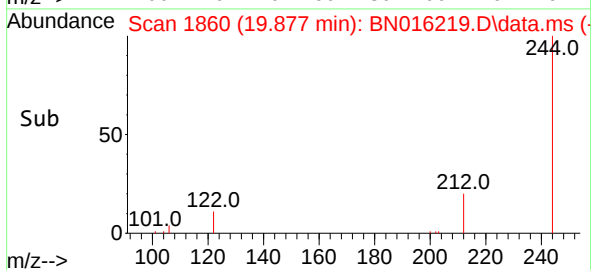
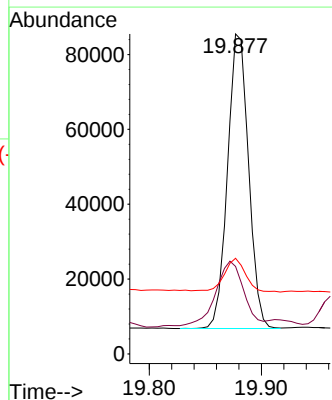
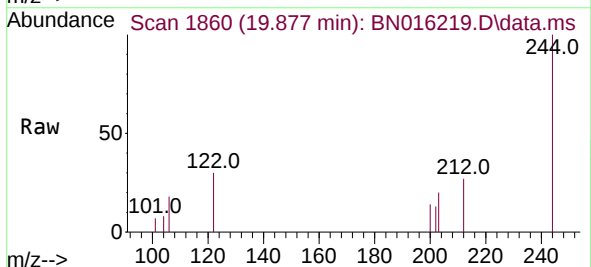
Instrument :
 BNA_N
 ClientSampleId :
 DUPLICATE-082521

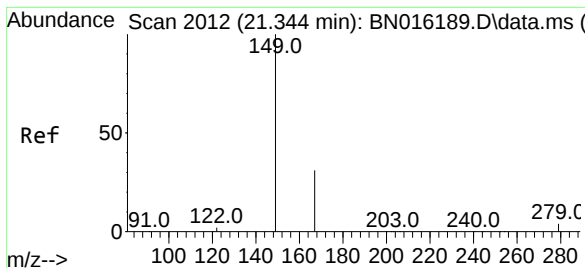
Tgt Ion:202 Resp: 39894
 Ion Ratio Lower Upper
 202 100
 200 19.2 15.8 23.8
 203 25.5 14.1 21.1#



#31
 Terphenyl-d14
 Concen: 0.365 ng
 RT: 19.877 min Scan# 1860
 Delta R.T. 0.005 min
 Lab File: BN016219.D
 Acq: 05 Sep 2021 07:58

Tgt Ion:244 Resp: 102349
 Ion Ratio Lower Upper
 244 100
 212 27.3 5.5 8.3#
 122 29.9 9.0 13.4#

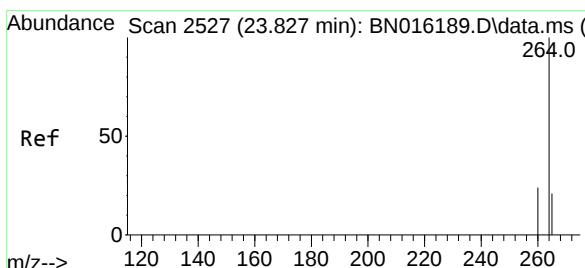
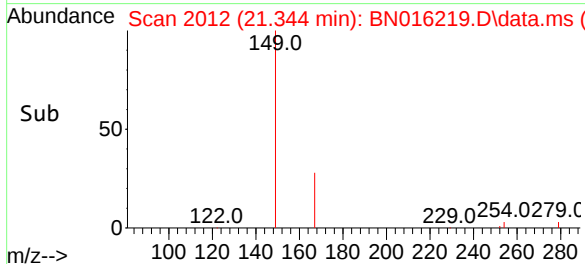
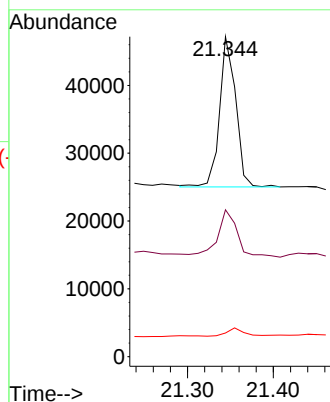
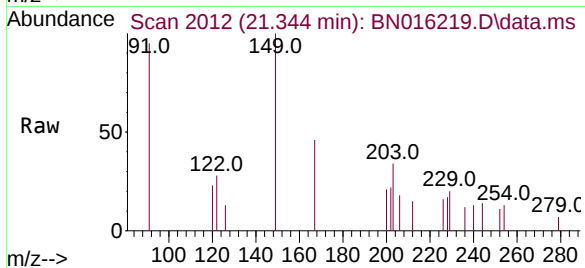




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.116 ng
RT: 21.344 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BN016219.D
Acq: 05 Sep 2021 07:58

Instrument :
BNA_N
ClientSampleId :
DUPLICATE-082521

Tgt Ion:149 Resp: 28998
Ion Ratio Lower Upper
149 100
167 38.3 24.2 36.4#
279 5.6 4.0 6.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.837 min Scan# 2530
Delta R.T. 0.010 min
Lab File: BN016219.D
Acq: 05 Sep 2021 07:58

Tgt Ion:264 Resp: 111614
Ion Ratio Lower Upper
264 100
260 26.1 19.5 29.3
265 34.0 20.2 30.2#

