

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
 Data File : BN017746.D
 Acq On : 07 Dec 2021 01:58
 Operator : CG/JU
 Sample : M4917-10RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-26RE

Quant Time: Dec 07 06:53:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 06 15:58:05 2021
 Response via : Initial Calibration

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

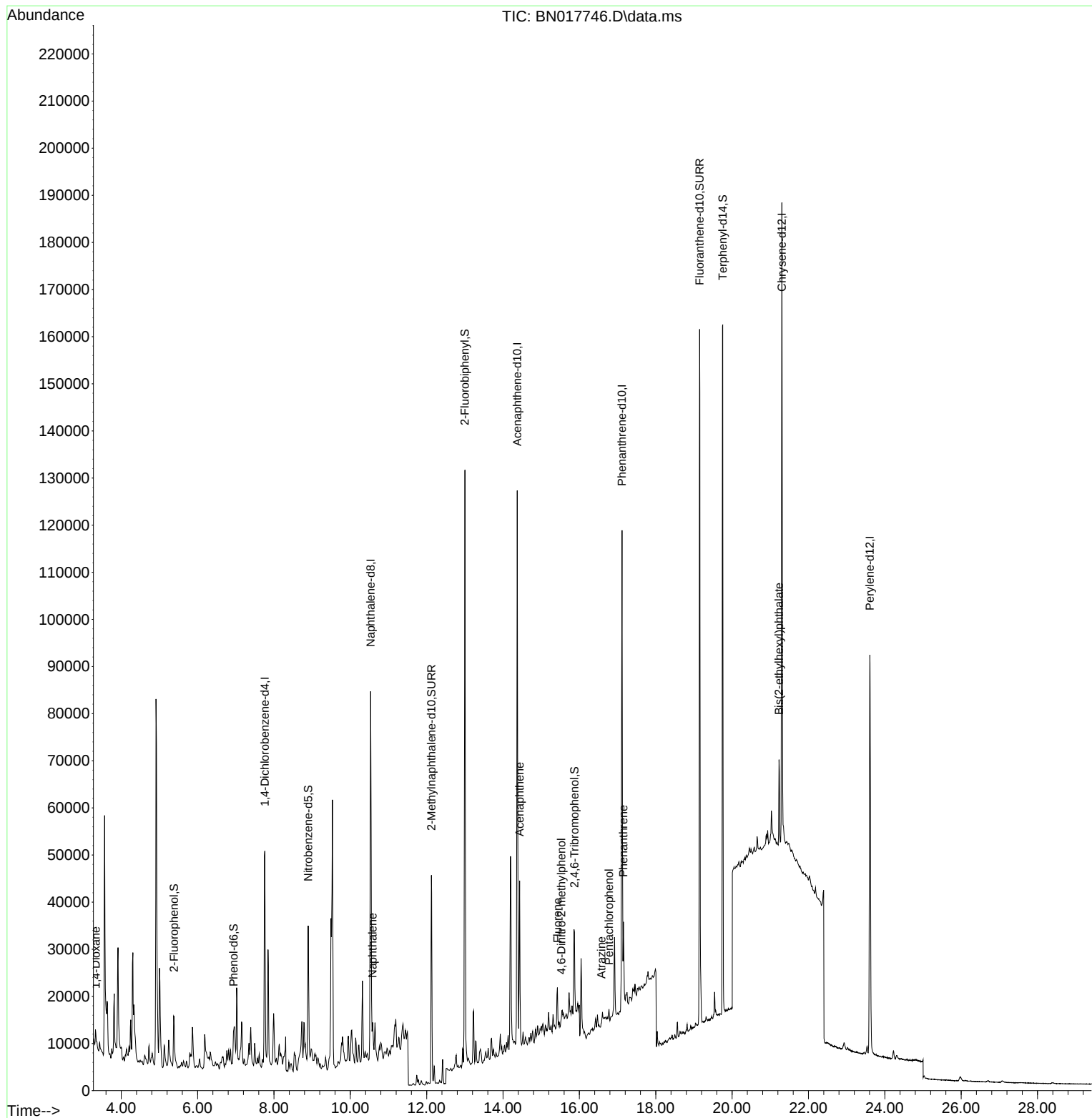
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	24793	0.400	ng	0.00
7) Naphthalene-d8	10.532	136	102627	0.400	ng	# 0.00
13) Acenaphthene-d10	14.373	164	65921	0.400	ng	0.00
19) Phenanthrene-d10	17.117	188	140114	0.400	ng	0.00
29) Chrysene-d12	21.304	240	130132	0.400	ng	# 0.00
35) Perylene-d12	23.610	264	118987	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.382	112	12131	0.228	ng	0.03
5) Phenol-d6	6.940	99	7781	0.137	ng	0.00
8) Nitrobenzene-d5	8.897	82	25194	0.363	ng	0.00
11) 2-Methylnaphthalene-d10	12.125	152	60882	0.324	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	18690	0.589	ng	0.00
15) 2-Fluorobiphenyl	13.002	172	107448	0.440	ng	0.00
27) Fluoranthene-d10	19.149	212	173670	0.368	ng	0.00
31) Terphenyl-d14	19.755	244	159820	0.479	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.335	88	353	0.021	ng	# 1
9) Naphthalene	10.583	128	9893	0.039	ng	# 91
17) Acenaphthene	14.436	154	17196	0.100	ng	98
18) Fluorene	15.426	166	5290	0.024	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.527	198	49	0.131	ng	# 1
23) Atrazine	16.581	200	378	0.103	ng	# 1
24) Pentachlorophenol	16.776	266	1452	0.229	ng	91
25) Phenanthrene	17.153	178	20672	0.056	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.229	149	18335	0.089	ng	# 95

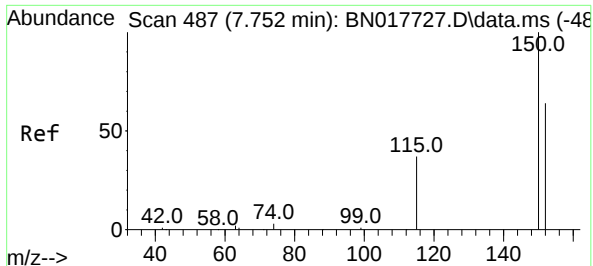
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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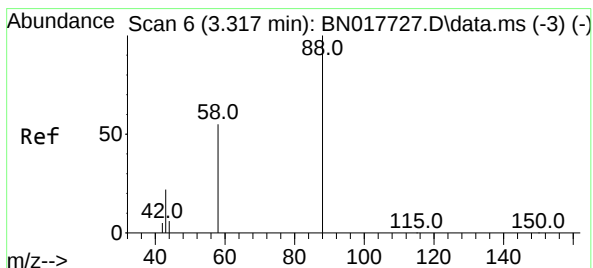
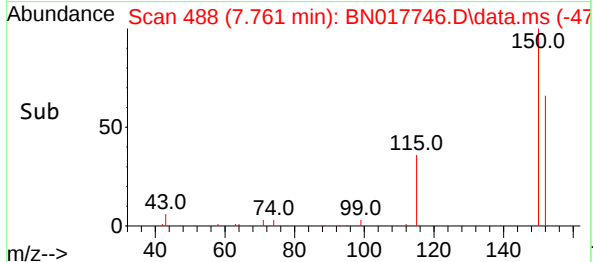
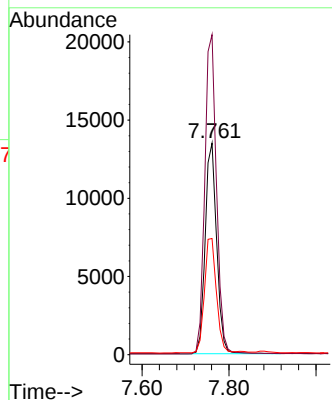
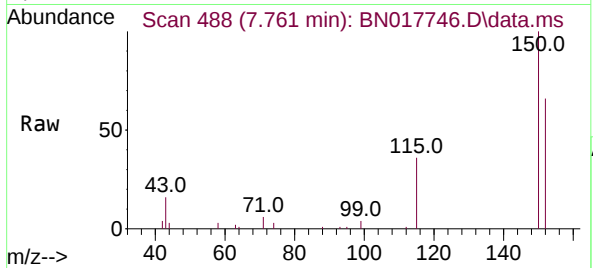




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.761 min Scan# 41
 Delta R.T. 0.009 min
 Lab File: BN017746.D
 Acq: 07 Dec 2021 01:58

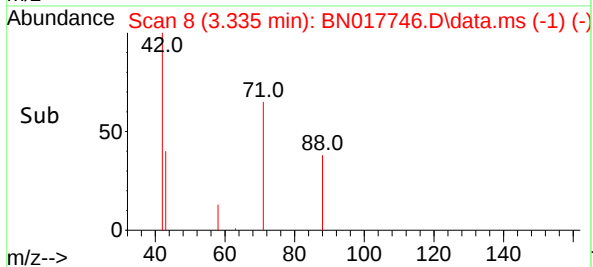
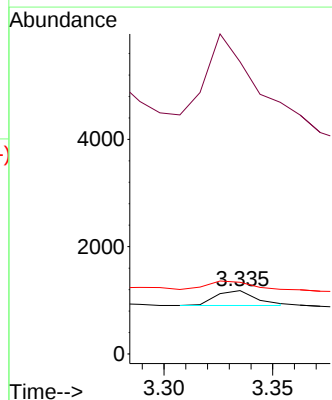
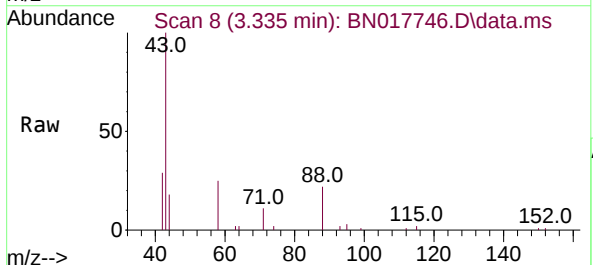
Instrument :
 BNA_N
 ClientSampleId :
 MW-26RE

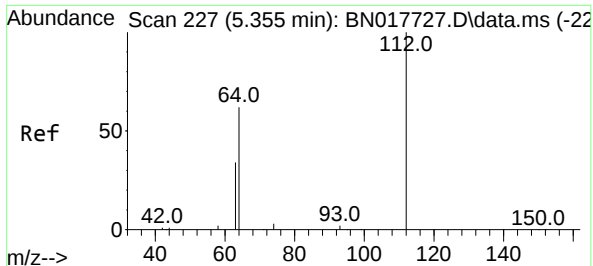
Tgt Ion:152 Resp: 24793
 Ion Ratio Lower Upper
 152 100
 150 151.3 123.0 184.4
 115 54.9 45.6 68.4



#2
 1,4-Dioxane
 Concen: 0.021 ng
 RT: 3.335 min Scan# 8
 Delta R.T. 0.018 min
 Lab File: BN017746.D
 Acq: 07 Dec 2021 01:58

Tgt Ion: 88 Resp: 353
 Ion Ratio Lower Upper
 88 100
 43 553.5 24.7 37.1#
 58 59.5 63.0 94.6#

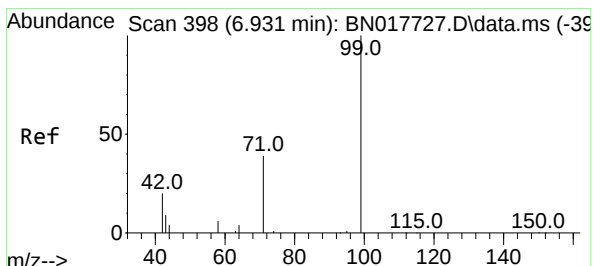
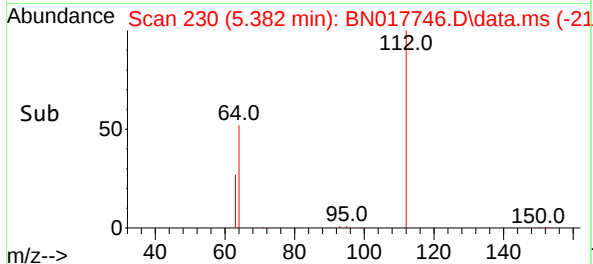
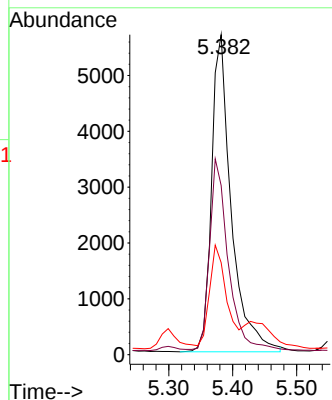
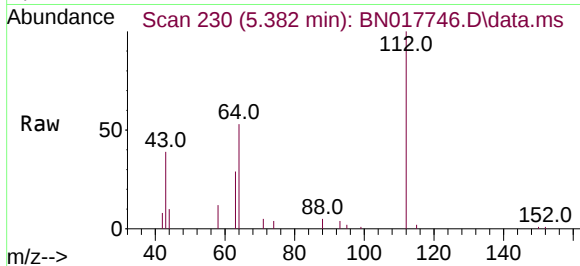




#4
2-Fluorophenol
Concen: 0.228 ng
RT: 5.382 min Scan# 21
Delta R.T. 0.027 min
Lab File: BN017746.D
Acq: 07 Dec 2021 01:58

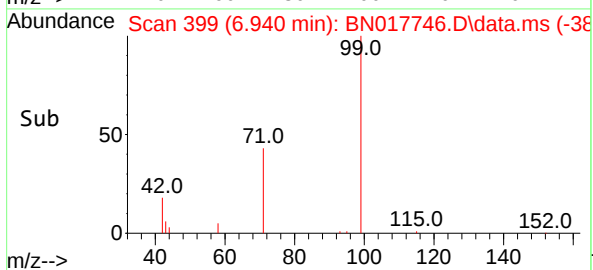
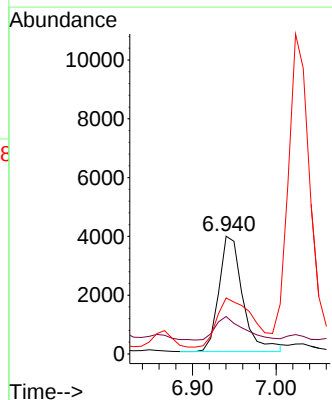
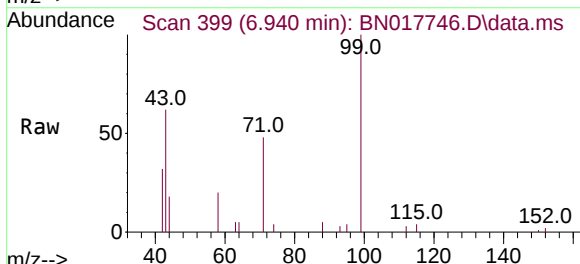
Instrument :
BNA_N
ClientSampleId :
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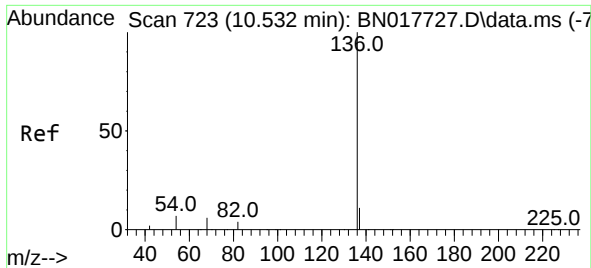
Tgt Ion:112 Resp: 12131
Ion Ratio Lower Upper
112 100
64 55.8 47.6 71.4
63 27.1 24.6 37.0



#5
Phenol-d6
Concen: 0.137 ng
RT: 6.940 min Scan# 399
Delta R.T. 0.009 min
Lab File: BN017746.D
Acq: 07 Dec 2021 01:58

Tgt Ion: 99 Resp: 7781
Ion Ratio Lower Upper
99 100
42 23.4 17.0 25.6
71 65.0 24.8 37.2#

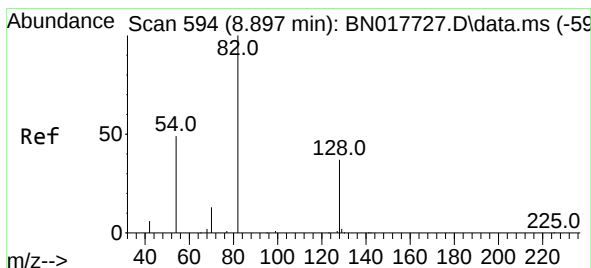
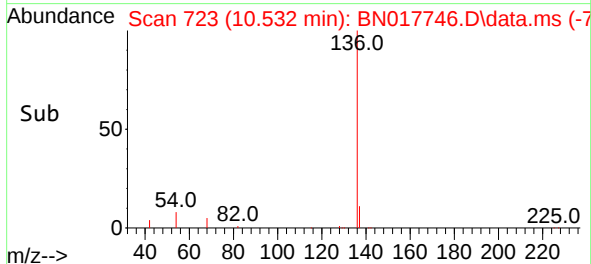
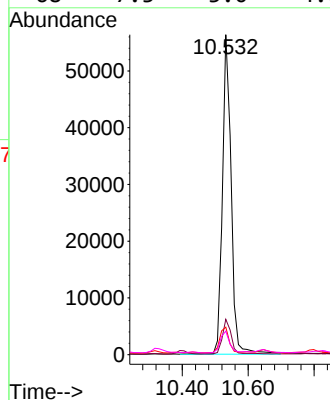
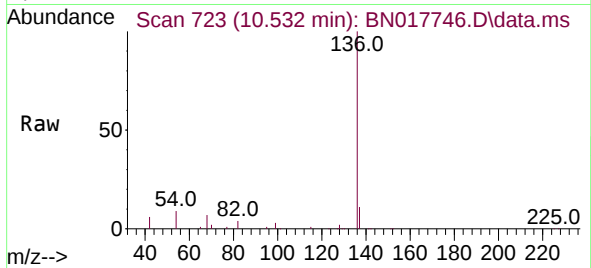




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.532 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017746.D
Acq: 07 Dec 2021 01:58

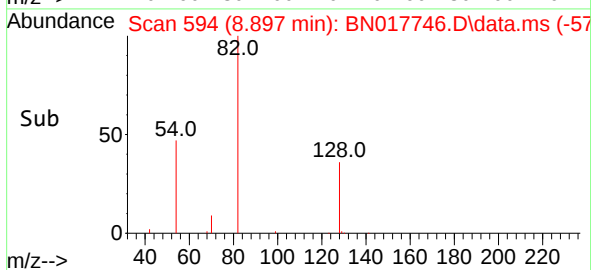
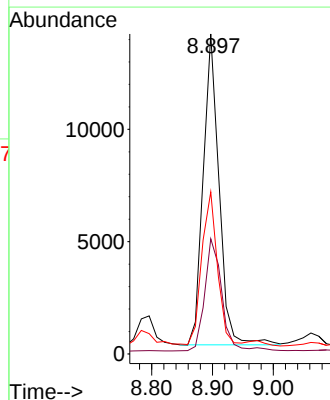
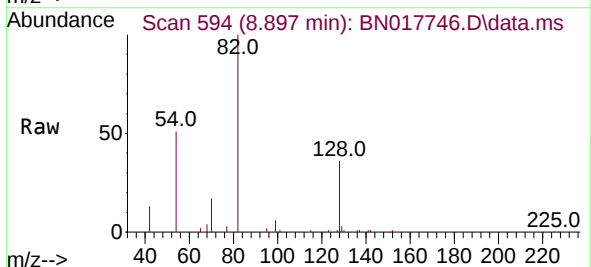
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ClientSampleId :
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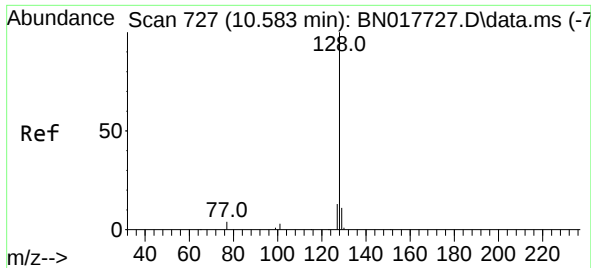
Tgt Ion:136 Resp: 102627
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.6 4.0 6.0#
68 7.3 3.0 4.6#



#8
Nitrobenzene-d5
Concen: 0.363 ng
RT: 8.897 min Scan# 594
Delta R.T. -0.000 min
Lab File: BN017746.D
Acq: 07 Dec 2021 01:58

Tgt Ion: 82 Resp: 25194
Ion Ratio Lower Upper
82 100
128 36.0 27.7 41.5
54 50.6 49.2 73.8

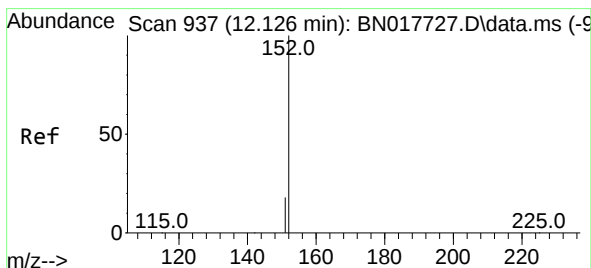
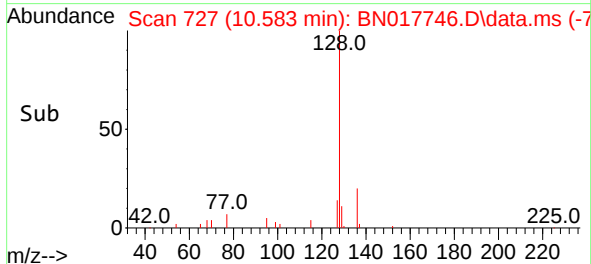
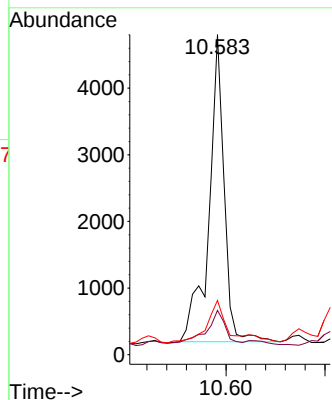
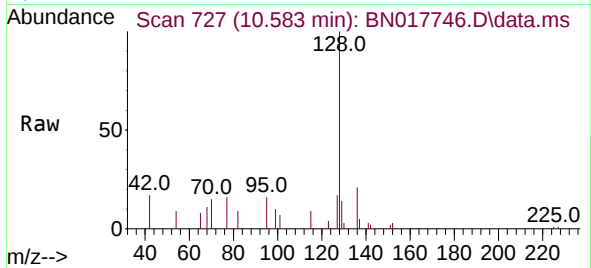




#9
Naphthalene
Concen: 0.039 ng
RT: 10.583 min Scan# 727
Delta R.T. -0.000 min
Lab File: BN017746.D
Acq: 07 Dec 2021 01:58

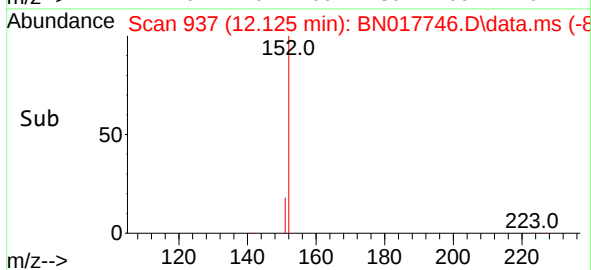
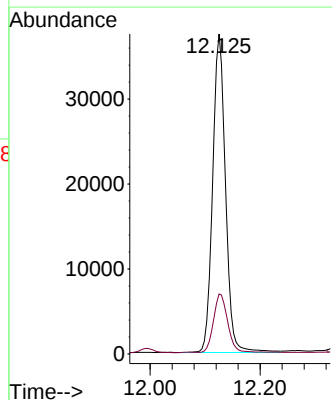
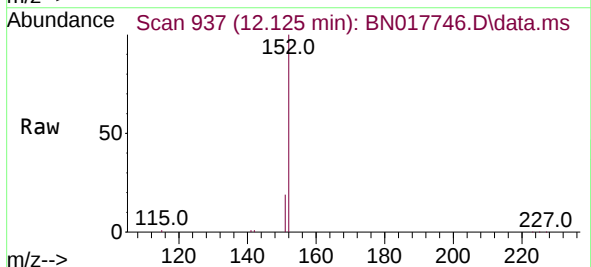
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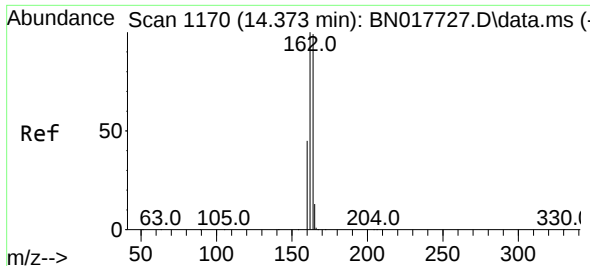
Tgt Ion:128 Resp: 9893
Ion Ratio Lower Upper
128 100
129 13.9 8.8 13.2#
127 16.9 10.6 15.8#



#11
2-Methylnaphthalene-d10
Concen: 0.324 ng
RT: 12.125 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN017746.D
Acq: 07 Dec 2021 01:58

Tgt Ion:152 Resp: 60882
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4

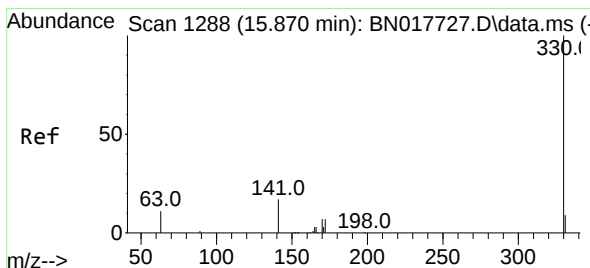
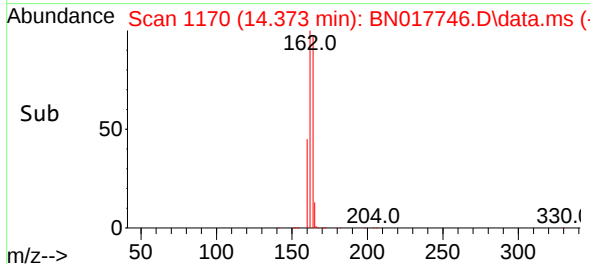
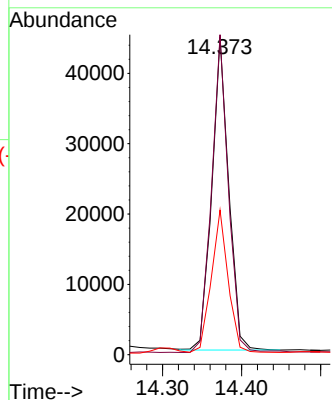
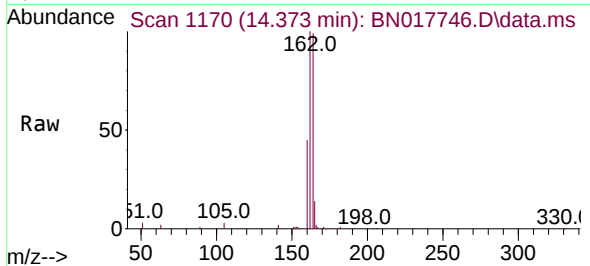




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.373 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BN017746.D
Acq: 07 Dec 2021 01:58

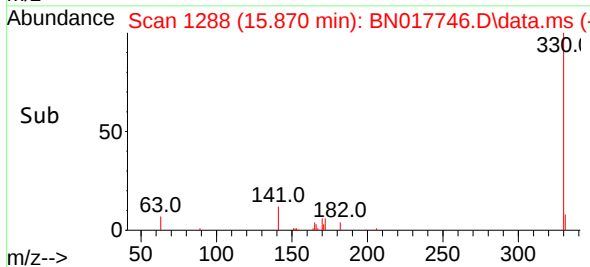
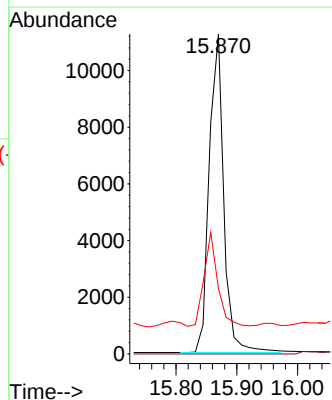
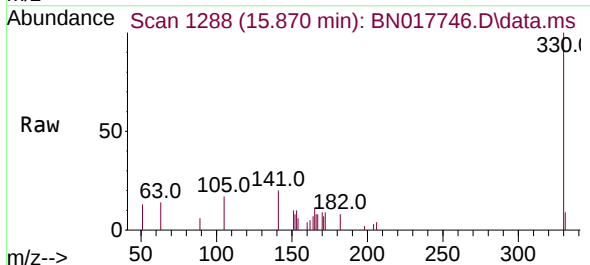
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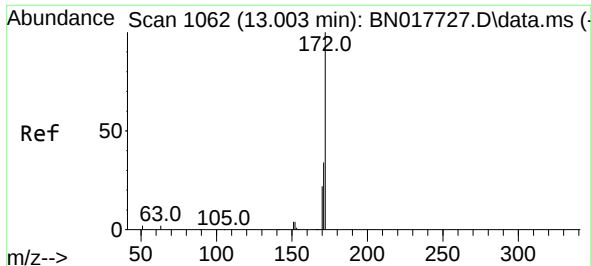
Tgt Ion:164 Resp: 65921
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.2
160 45.5 36.8 55.2



#14
2,4,6-Tribromophenol
Concen: 0.589 ng
RT: 15.870 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BN017746.D
Acq: 07 Dec 2021 01:58

Tgt Ion:330 Resp: 18690
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 27.6 28.9 43.3#

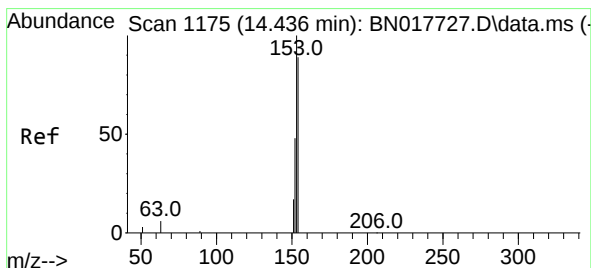
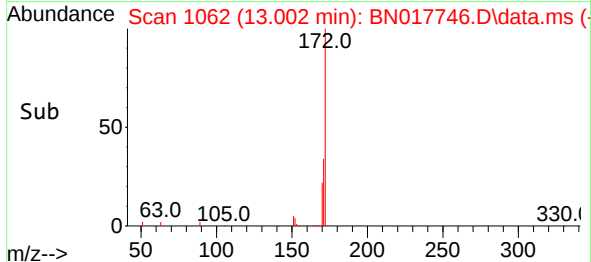
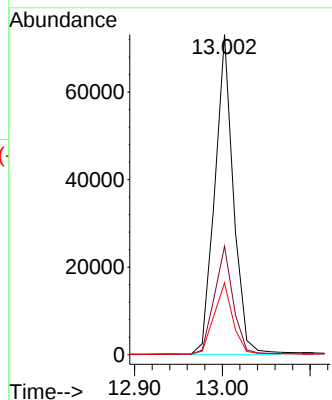
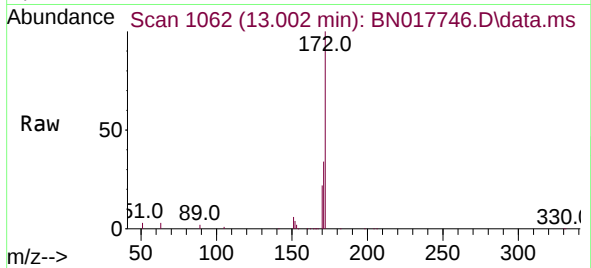




#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 13.002 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BN017746.D
Acq: 07 Dec 2021 01:58

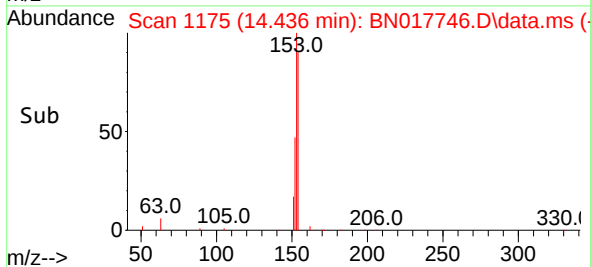
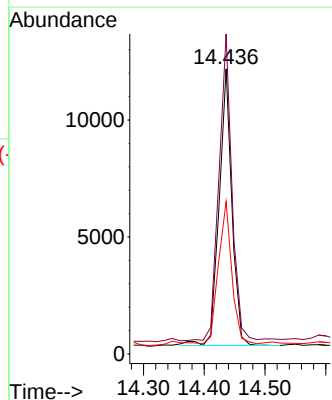
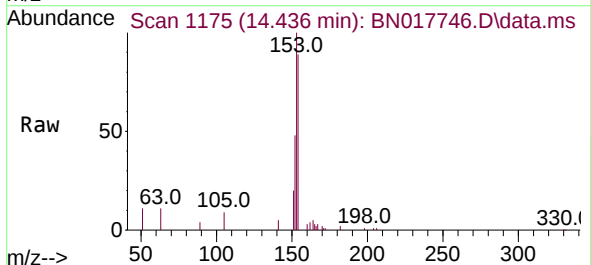
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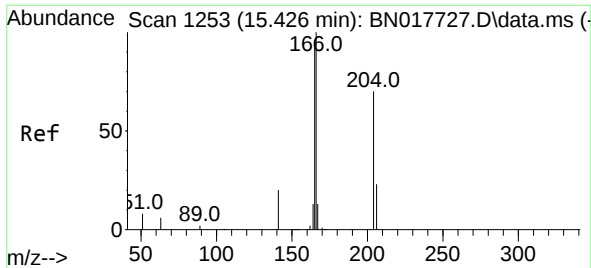
Tgt Ion:172 Resp: 107448
Ion Ratio Lower Upper
172 100
171 33.9 28.7 43.1
170 22.5 19.4 29.2



#17
Acenaphthene
Concen: 0.100 ng
RT: 14.436 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BN017746.D
Acq: 07 Dec 2021 01:58

Tgt Ion:154 Resp: 17196
Ion Ratio Lower Upper
154 100
153 112.3 91.2 136.8
152 53.2 44.3 66.5

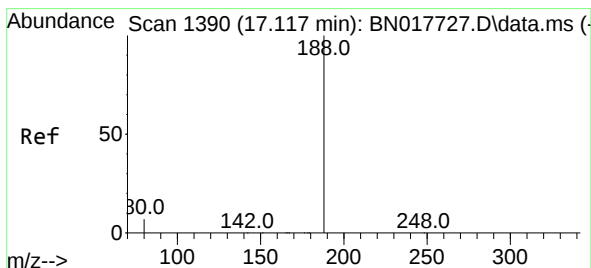
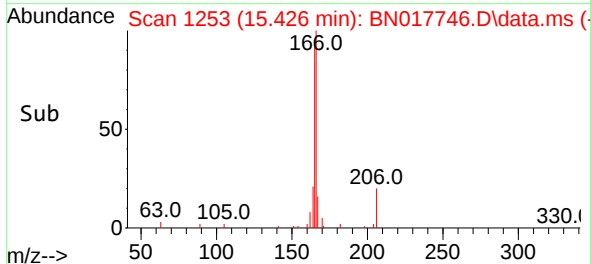
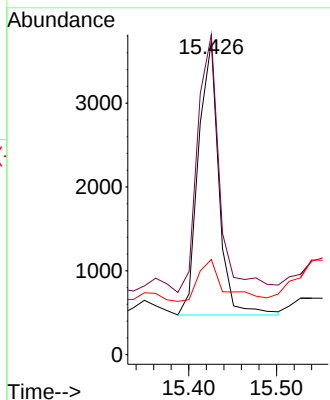
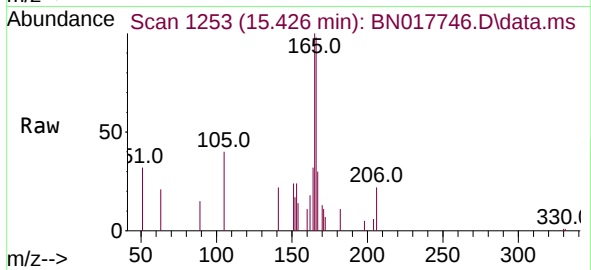




#18
Fluorene
Concen: 0.024 ng
RT: 15.426 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BN017746.D
Acq: 07 Dec 2021 01:58

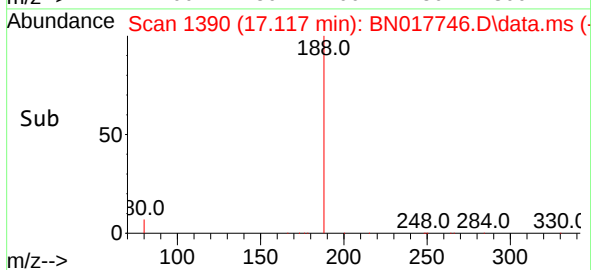
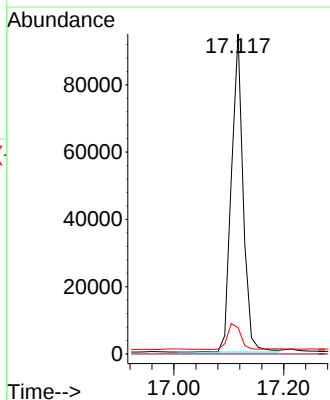
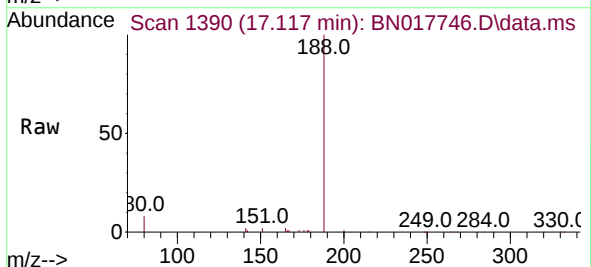
Instrument :
BNA_N
ClientSampleId :
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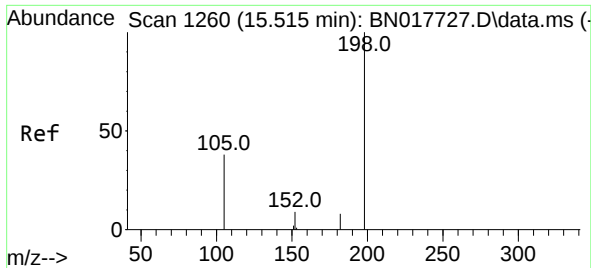
Tgt Ion:166 Resp: 5290
Ion Ratio Lower Upper
166 100
165 102.5 77.9 116.9
167 19.2 10.9 16.3#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.117 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BN017746.D
Acq: 07 Dec 2021 01:58

Tgt Ion:188 Resp: 140114
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 6.1 9.1

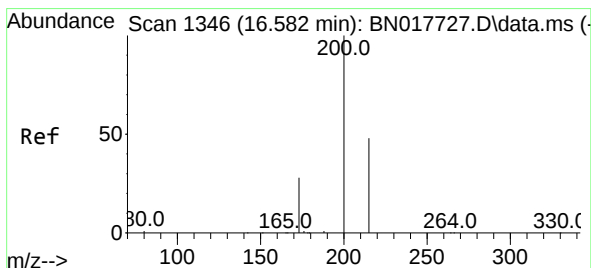
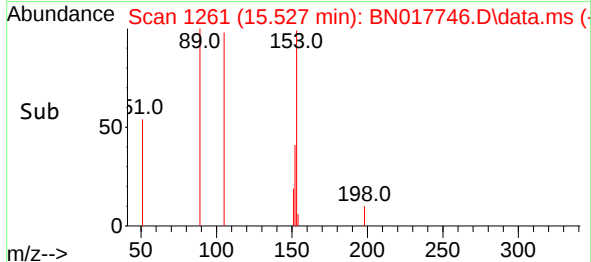
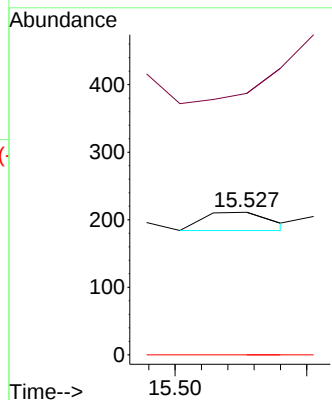
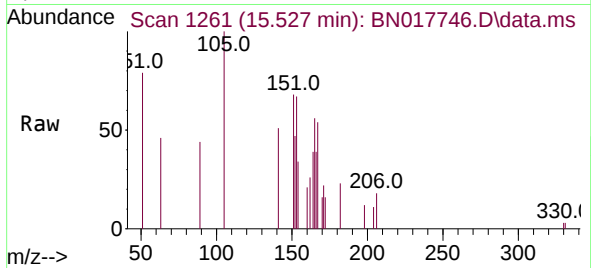




#20
4,6-Dinitro-2-methylphenol
Concen: 0.131 ng
RT: 15.527 min Scan# 1261
Delta R.T. 0.012 min
Lab File: BN017746.D
Acq: 07 Dec 2021 01:58

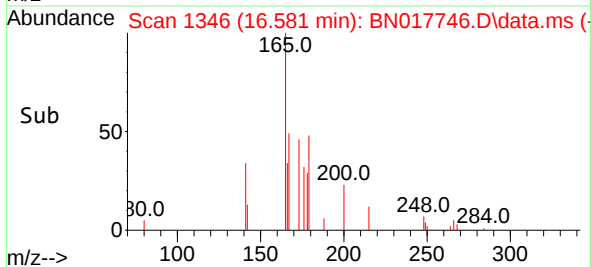
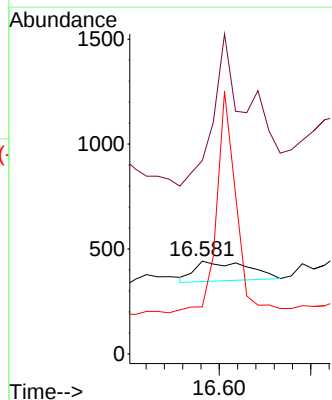
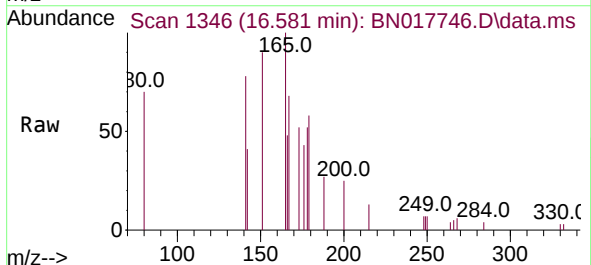
Instrument :
BNA_N
ClientSampleId :
MW-26RE

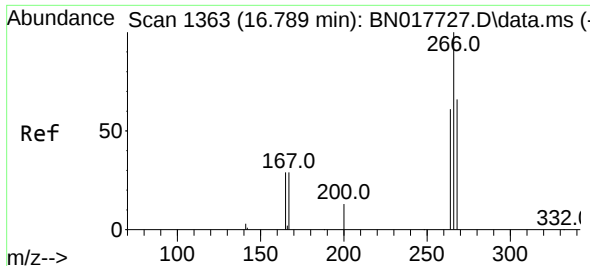
Tgt Ion:198 Resp: 49
Ion Ratio Lower Upper
198 100
182 183.4 11.4 17.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.103 ng
RT: 16.581 min Scan# 1346
Delta R.T. -0.001 min
Lab File: BN017746.D
Acq: 07 Dec 2021 01:58

Tgt Ion:200 Resp: 378
Ion Ratio Lower Upper
200 100
173 208.4 17.6 26.4#
215 50.7 40.2 60.4

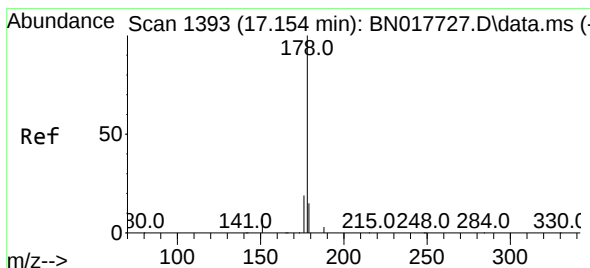
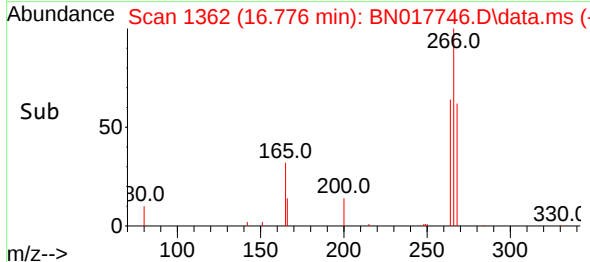
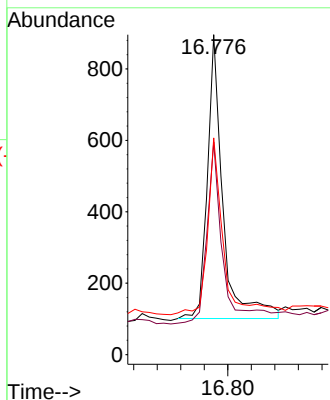
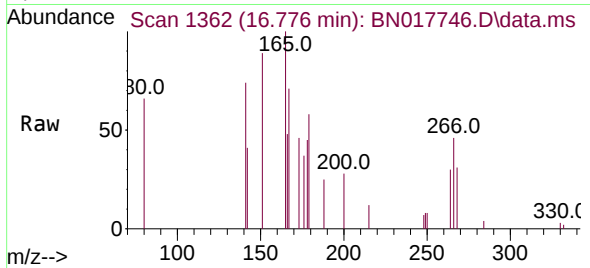




#24
 Pentachlorophenol
 Concen: 0.229 ng
 RT: 16.776 min Scan# 1362
 Delta R.T. -0.013 min
 Lab File: BN017746.D
 Acq: 07 Dec 2021 01:58

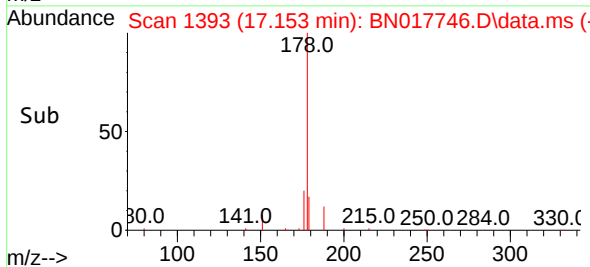
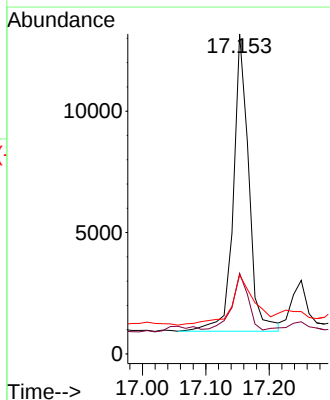
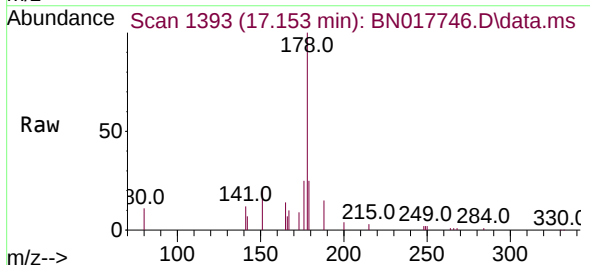
Instrument :
 BNA_N
 ClientSampleId :
 MW-26RE

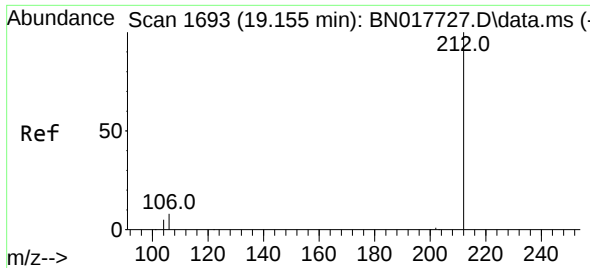
Tgt Ion:	266	Resp:	1452
Ion Ratio	Lower	Upper	
266	100		
264	71.1	49.8	74.8
268	59.1	51.3	76.9



#25
 Phenanthrene
 Concen: 0.056 ng
 RT: 17.153 min Scan# 1393
 Delta R.T. -0.000 min
 Lab File: BN017746.D
 Acq: 07 Dec 2021 01:58

Tgt Ion:	178	Resp:	20672
Ion Ratio	Lower	Upper	
178	100		
176	23.6	15.0	22.6#
179	25.3	12.3	18.5#

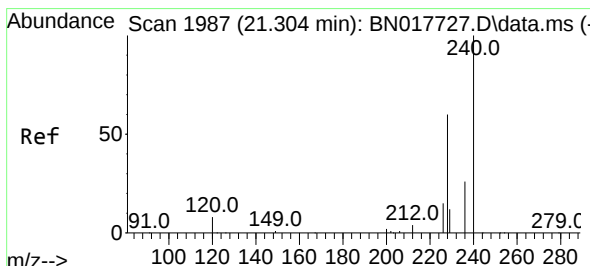
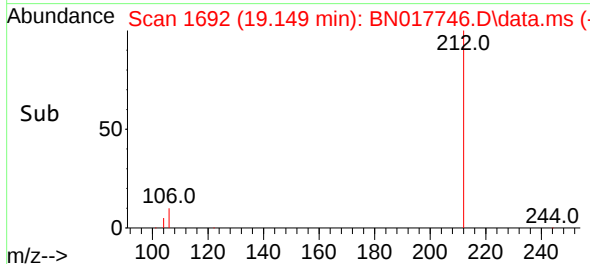
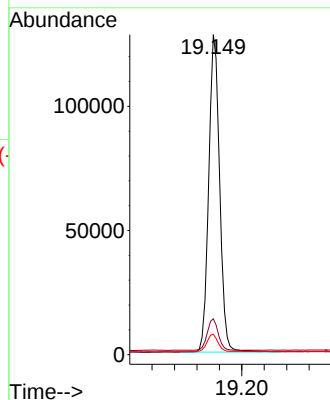
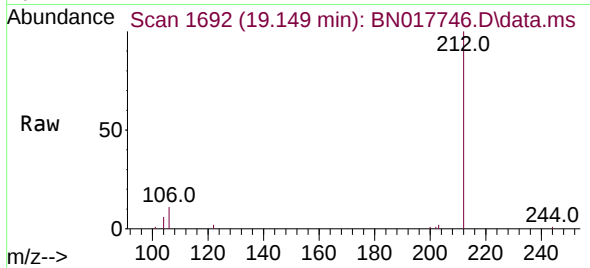




#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.149 min Scan# 1692
Delta R.T. -0.005 min
Lab File: BN017746.D
Acq: 07 Dec 2021 01:58

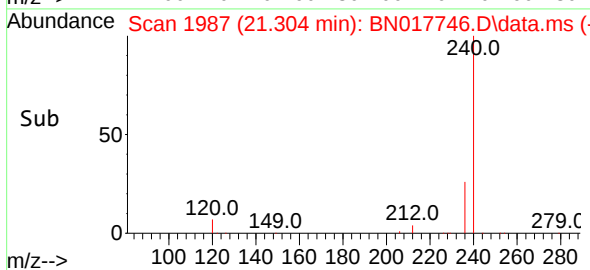
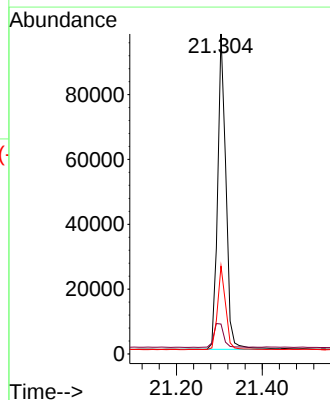
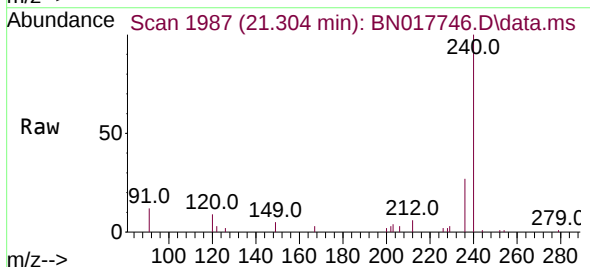
Instrument :
BNA_N
ClientSampleId :
MW-26RE

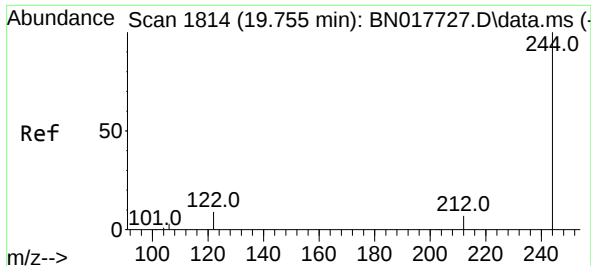
Tgt Ion:212 Resp: 173670
Ion Ratio Lower Upper
212 100
106 9.9 10.5 15.7#
104 5.9 5.8 8.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017746.D
Acq: 07 Dec 2021 01:58

Tgt Ion:240 Resp: 130132
Ion Ratio Lower Upper
240 100
120 9.4 4.2 6.2#
236 27.5 20.0 30.0

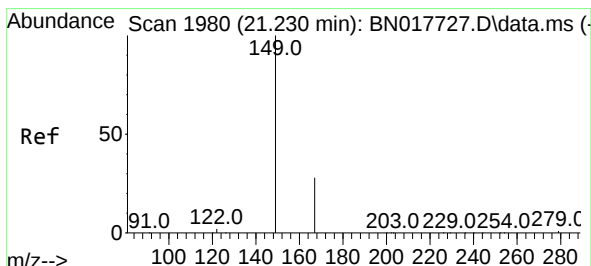
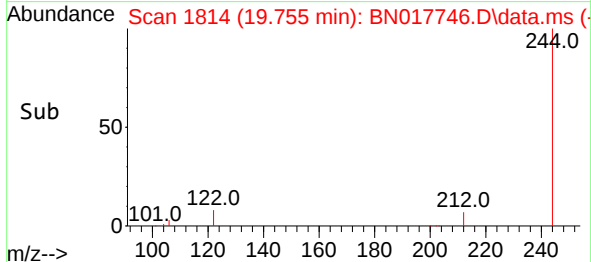
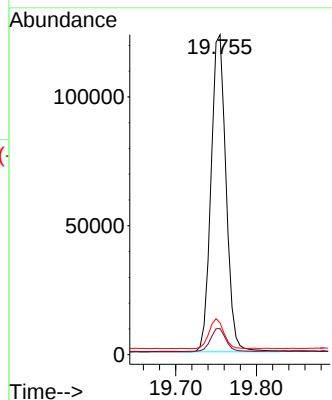
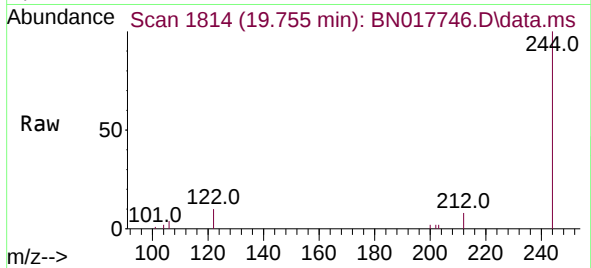




#31
 Terphenyl-d14
 Concen: 0.479 ng
 RT: 19.755 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BN017746.D
 Acq: 07 Dec 2021 01:58

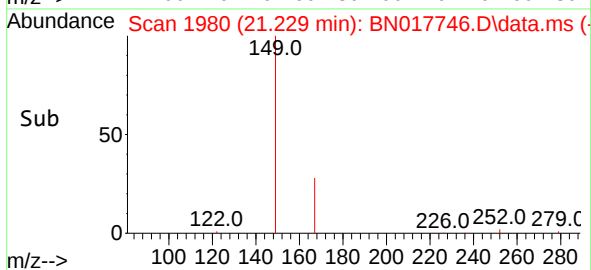
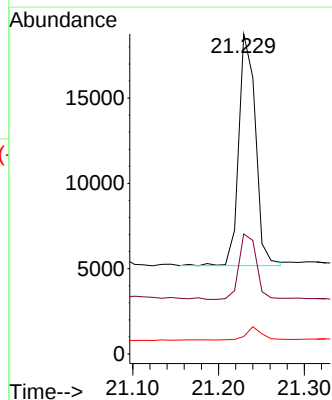
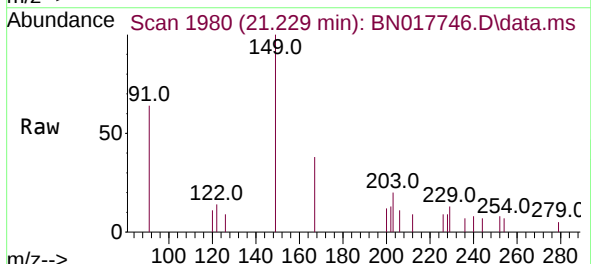
Instrument :
 BNA_N
 ClientSampleId :
 MW-26RE

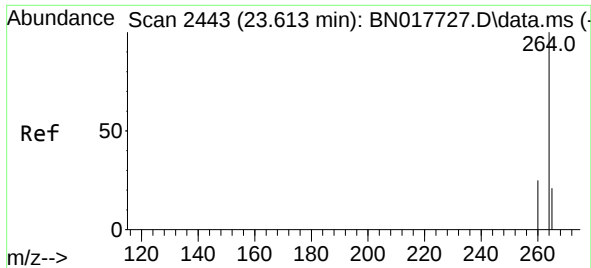
Tgt Ion:244 Resp: 159820
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 9.9 8.6 13.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.089 ng
 RT: 21.229 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: BN017746.D
 Acq: 07 Dec 2021 01:58

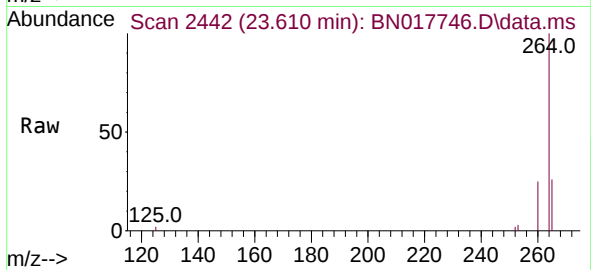
Tgt Ion:149 Resp: 18335
 Ion Ratio Lower Upper
 149 100
 167 29.8 21.8 32.6
 279 5.4 3.4 5.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.610 min Scan# 24
 Delta R.T. -0.004 min
 Lab File: BN017746.D
 Acq: 07 Dec 2021 01:58

Instrument :
 BNA_N
 ClientSampleId :
 MW-26RE



Tgt Ion:264 Resp: 118987
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.4 29.2
 265 25.8 18.6 28.0

