

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017713.D
 Acq On : 04 Dec 2021 05:55
 Operator : CG/JU
 Sample : M4917-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-26

Quant Time: Dec 06 02:13:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 23:07:38 2021
 Response via : Initial Calibration

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

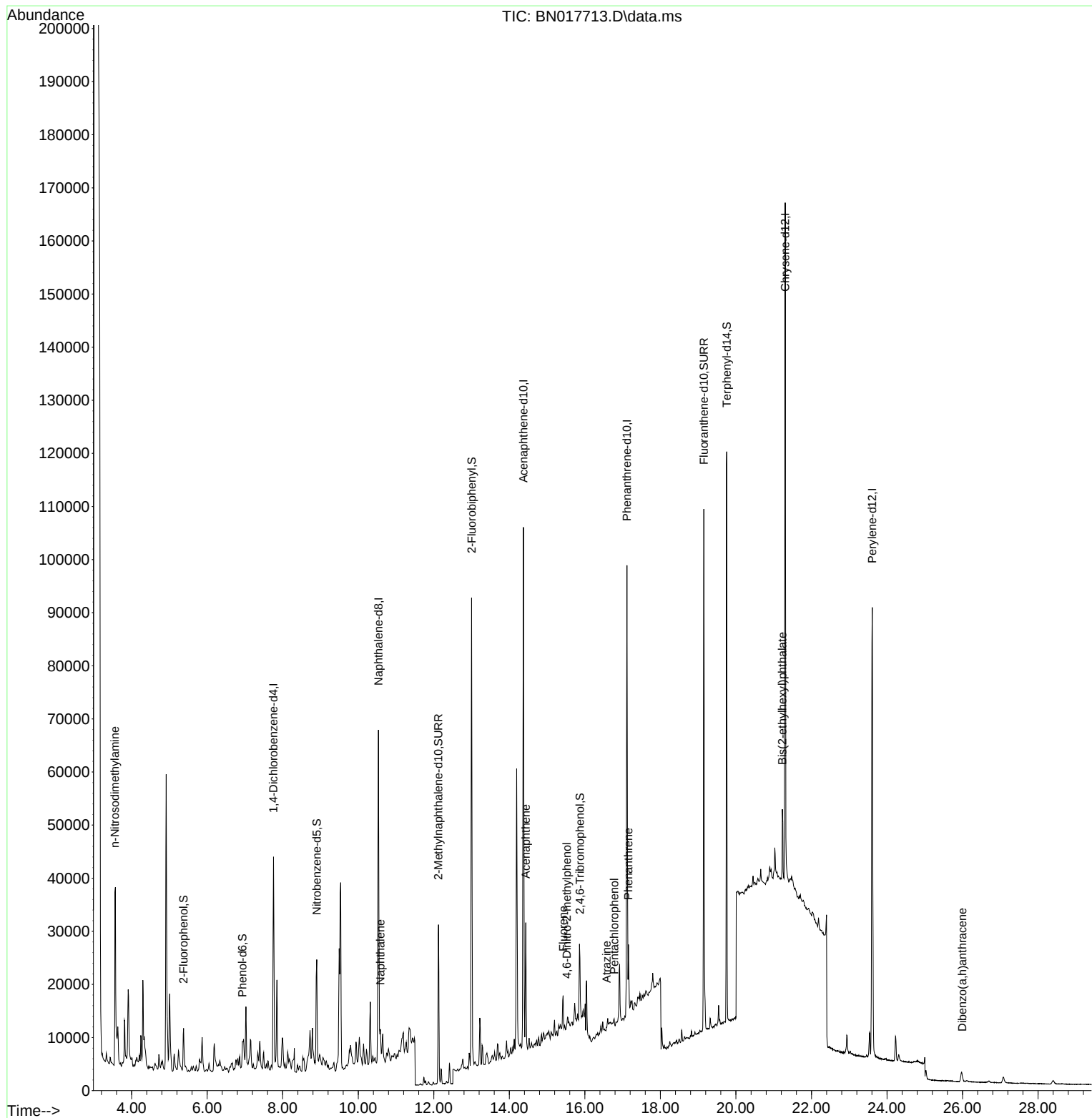
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	20148	0.400	ng	0.00
7) Naphthalene-d8	10.535	136	83080	0.400	ng	# 0.00
13) Acenaphthene-d10	14.371	164	54632	0.400	ng	0.00
19) Phenanthrene-d10	17.116	188	115771	0.400	ng	0.00
29) Chrysene-d12	21.303	240	118603	0.400	ng	# 0.00
35) Perylene-d12	23.609	264	116851	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.375	112	8198	0.173	ng	0.02
5) Phenol-d6	6.934	99	5167	0.107	ng	0.00
8) Nitrobenzene-d5	8.900	82	18386	0.457	ng	0.00
11) 2-Methylnaphthalene-d10	12.124	152	41795	0.284	ng	0.00
14) 2,4,6-Tribromophenol	15.868	330	13436	0.520	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	74318	0.357	ng	0.00
27) Fluoranthene-d10	19.148	212	119492	0.316	ng	0.00
31) Terphenyl-d14	19.754	244	112952	0.429	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.559	42	3192	0.158	ng	# 1
9) Naphthalene	10.585	128	7703	0.036	ng	# 89
17) Acenaphthene	14.435	154	11493	0.080	ng	99
18) Fluorene	15.424	166	3652	0.021	ng	# 93
20) 4,6-Dinitro-2-methylph...	15.526	198	11	0.238	ng	# 1
23) Atrazine	16.581	200	130	0.099	ng	# 1
24) Pentachlorophenol	16.775	266	698	0.301	ng	95
25) Phenanthrene	17.153	178	14154	0.046	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.229	149	13366	0.119	ng	# 95
40) Dibenzo(a,h)anthracene	25.995	278	655	0.085	ng	# 1

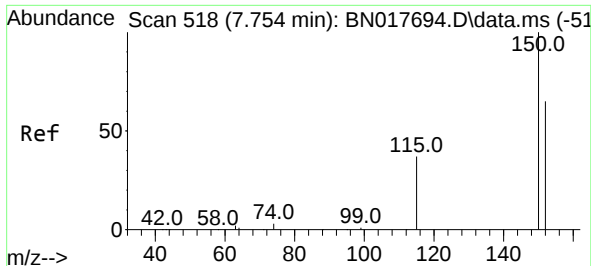
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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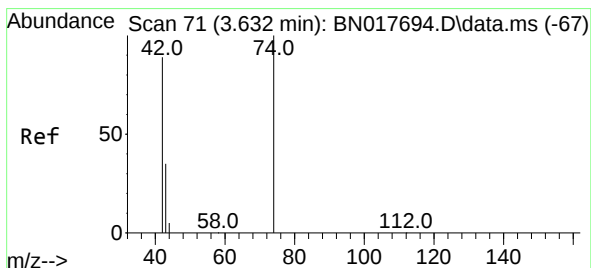
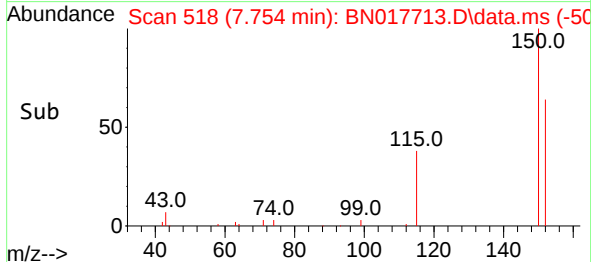
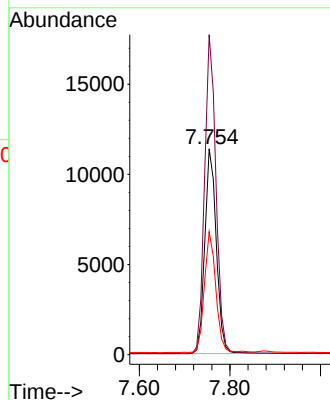
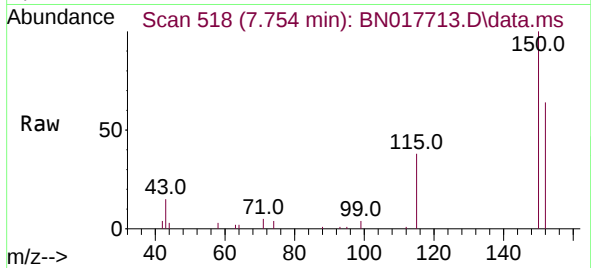




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.754 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

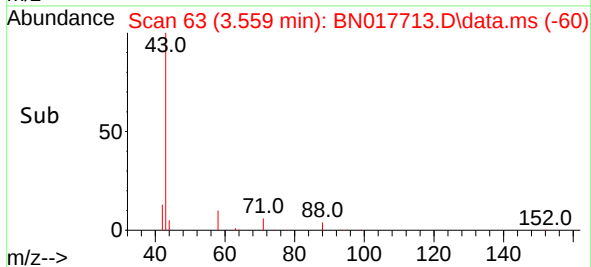
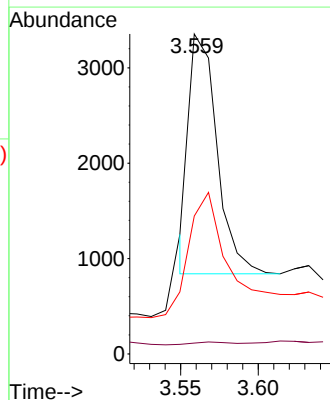
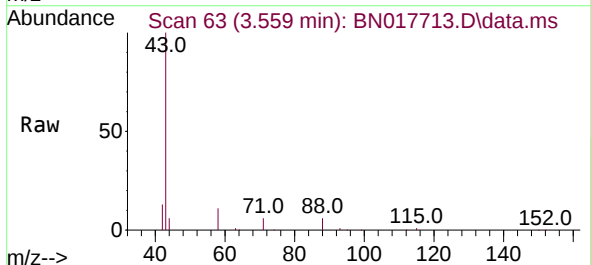
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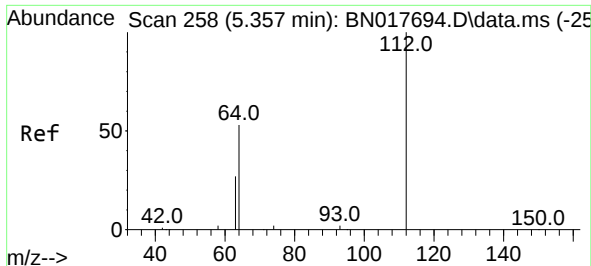
Tgt Ion:152 Resp: 20148
Ion Ratio Lower Upper
152 100
150 155.4 123.0 184.4
115 59.7 45.6 68.4



#3
n-Nitrosodimethylamine
Concen: 0.158 ng
RT: 3.559 min Scan# 63
Delta R.T. -0.074 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

Tgt Ion: 42 Resp: 3192
Ion Ratio Lower Upper
42 100
74 1.1 97.8 146.6#
44 79.7 5.5 8.3#

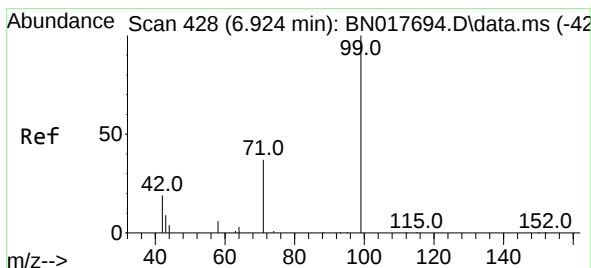
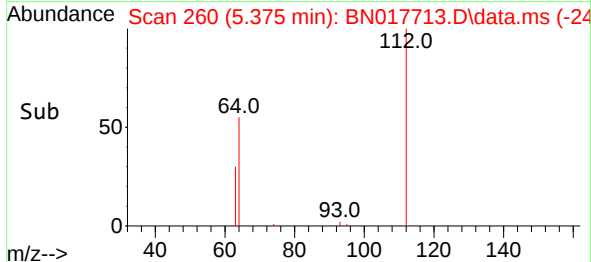
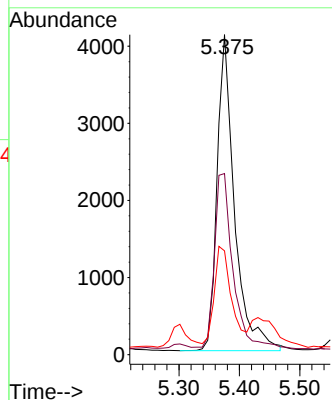
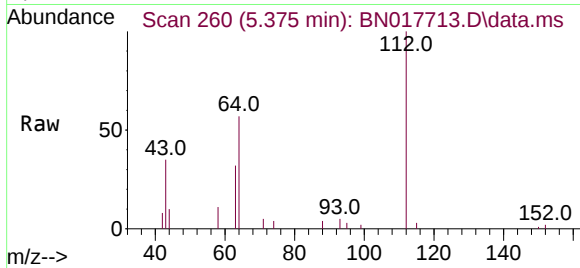




#4
2-Fluorophenol
Concen: 0.173 ng
RT: 5.375 min Scan# 21
Delta R.T. 0.019 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

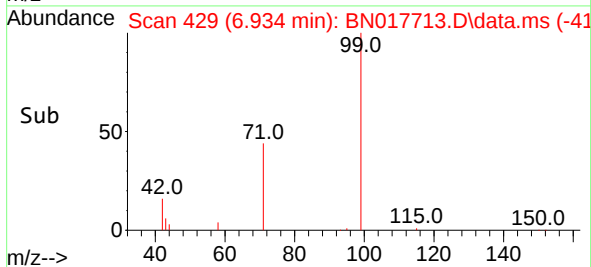
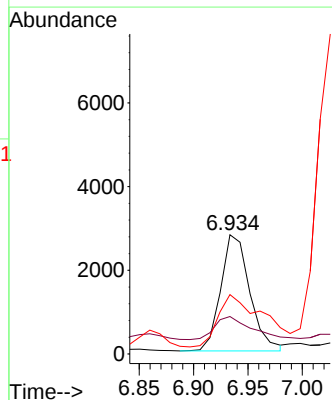
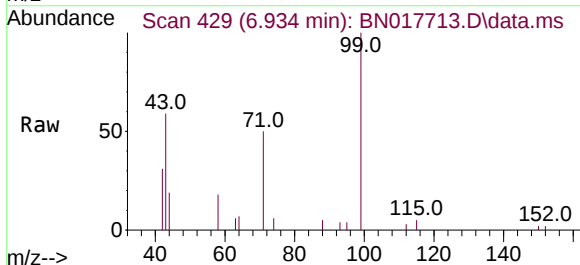
Instrument :
BNA_N
ClientSampleId :
MW-26

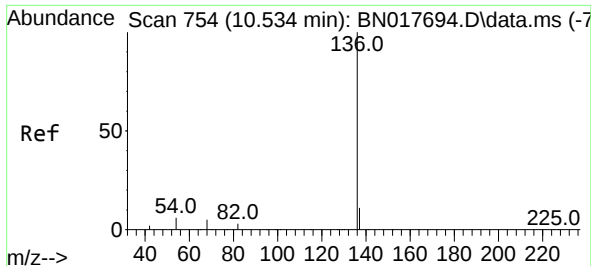
Tgt Ion: 112 Resp: 8198
Ion Ratio Lower Upper
112 100
64 57.3 47.6 71.4
63 29.7 24.6 37.0



#5
Phenol-d6
Concen: 0.107 ng
RT: 6.934 min Scan# 429
Delta R.T. 0.009 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

Tgt Ion: 99 Resp: 5167
Ion Ratio Lower Upper
99 100
42 24.9 17.0 25.6
71 70.6 24.8 37.2#

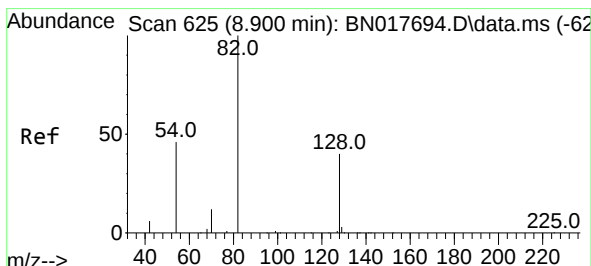
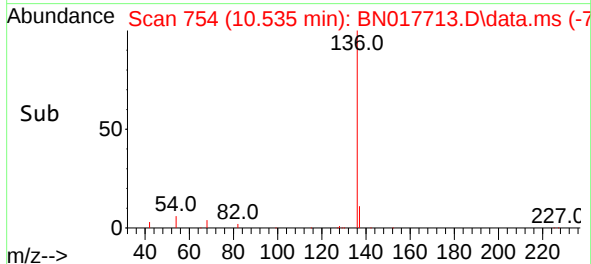
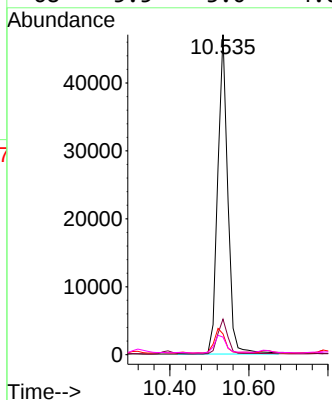
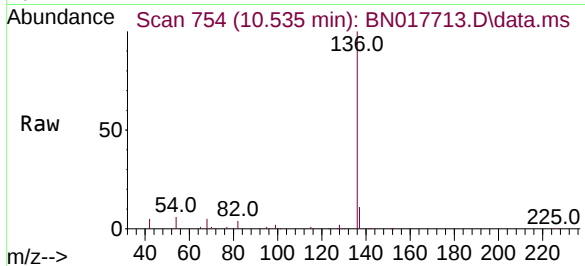




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.535 min Scan# 754
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

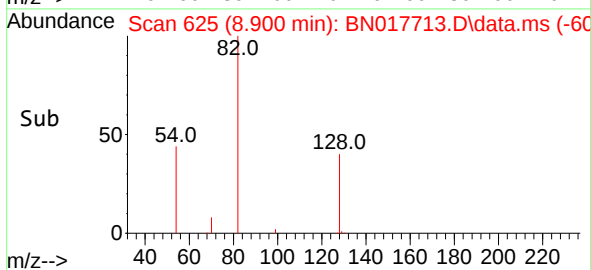
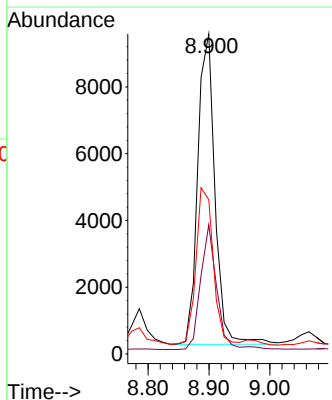
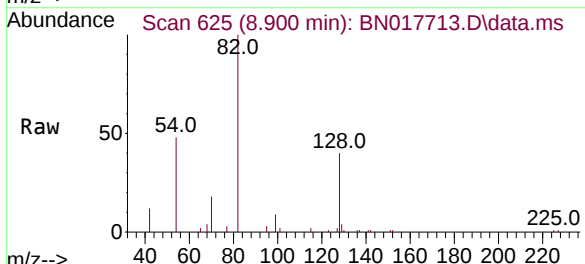
Instrument :
BNA_N
ClientSampleId :
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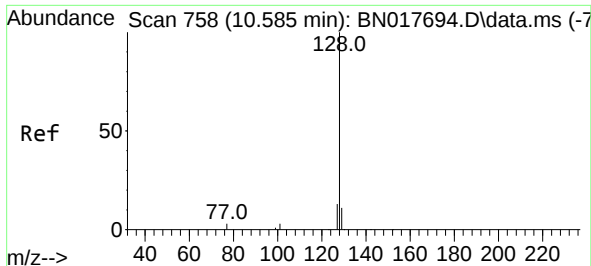
Tgt Ion:	136	Resp:	83080
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	6.5	4.0	6.0#
68	5.5	3.0	4.6#



#8
Nitrobenzene-d5
Concen: 0.457 ng
RT: 8.900 min Scan# 625
Delta R.T. -0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

Tgt Ion:	82	Resp:	18386
Ion Ratio	Lower	Upper	
82	100		
128	40.4	27.7	41.5
54	48.2	49.2	73.8#





#9
Naphthalene
Concen: 0.036 ng
RT: 10.585 min Scan# 711
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

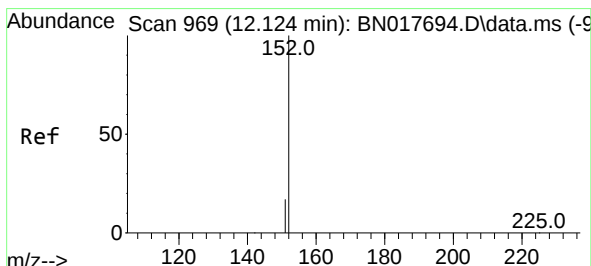
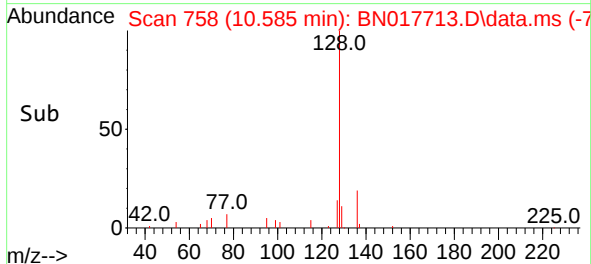
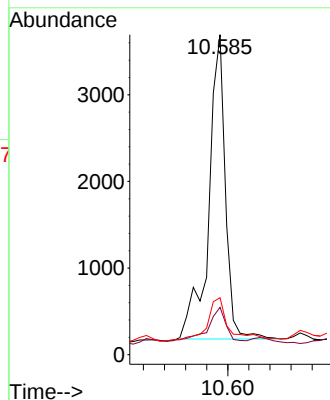
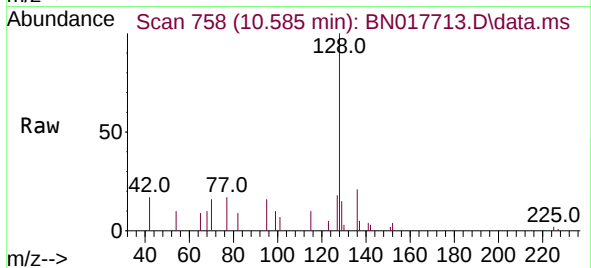
Instrument :

BNA_N

ClientSampleId :

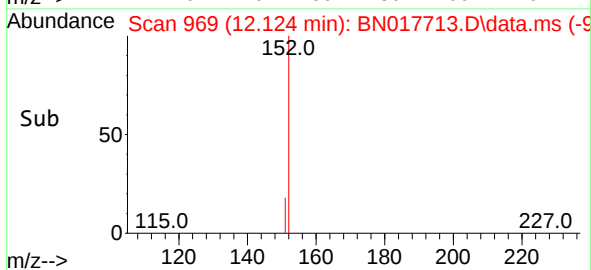
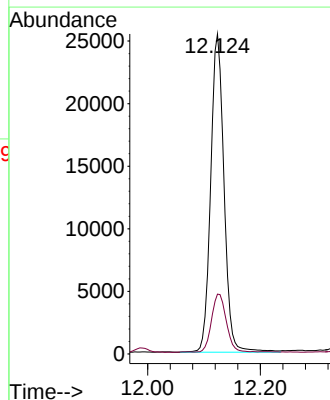
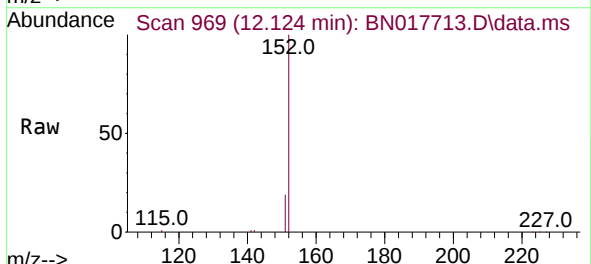
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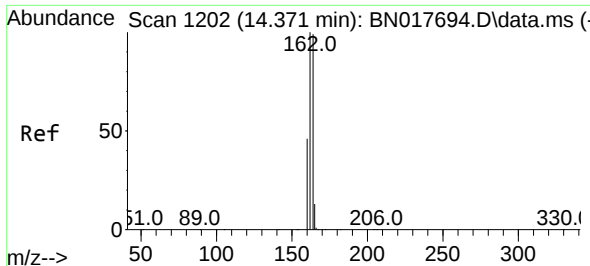
Tgt Ion:128 Resp: 7703
Ion Ratio Lower Upper
128 100
129 14.8 8.8 13.2#
127 17.8 10.6 15.8#



#11
2-Methylnaphthalene-d10
Concen: 0.284 ng
RT: 12.124 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

Tgt Ion:152 Resp: 41795
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4

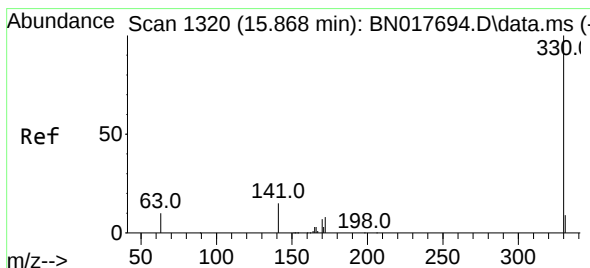
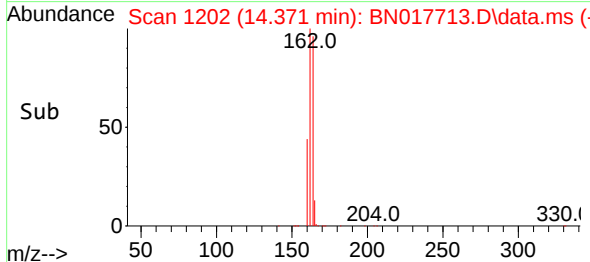
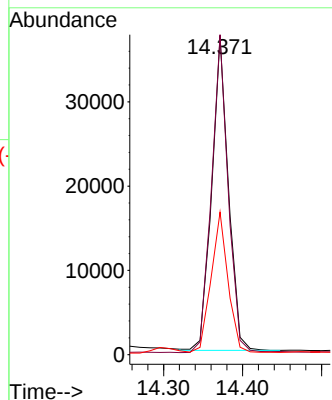
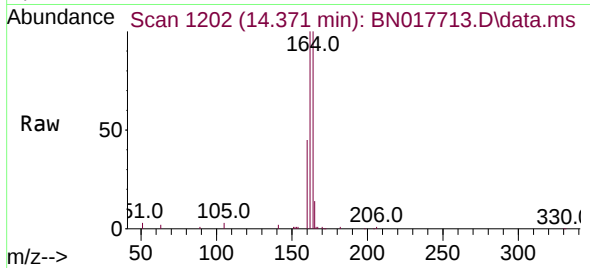




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.371 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

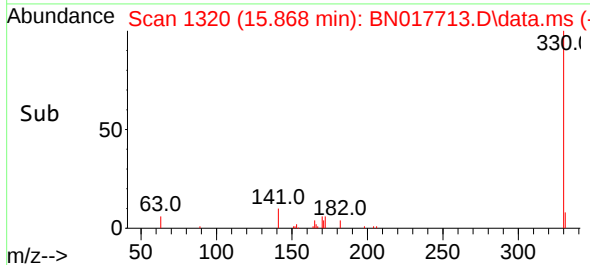
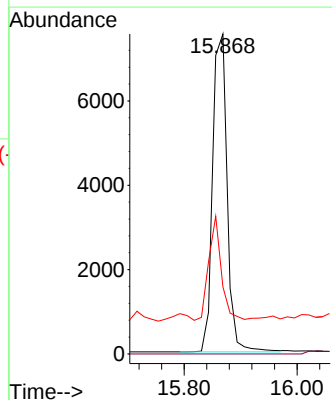
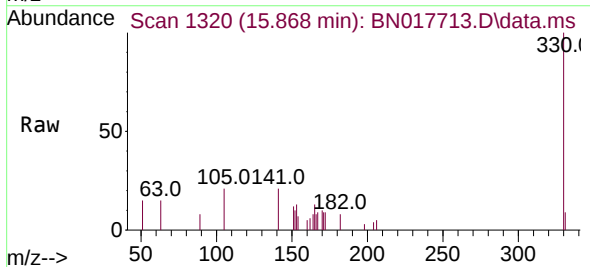
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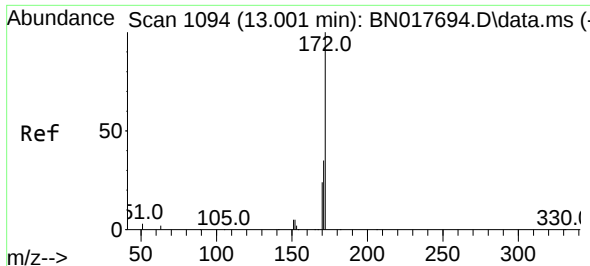
Tgt Ion:164 Resp: 54632
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.2
160 44.7 36.8 55.2



#14
2,4,6-Tribromophenol
Concen: 0.520 ng
RT: 15.868 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

Tgt Ion:330 Resp: 13436
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.5 28.9 43.3#

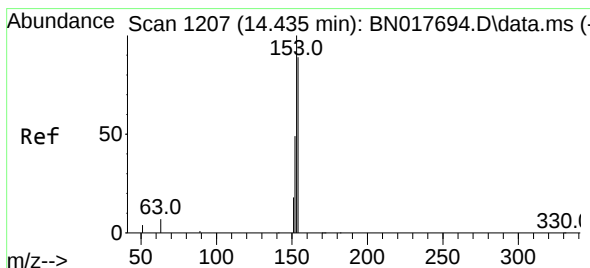
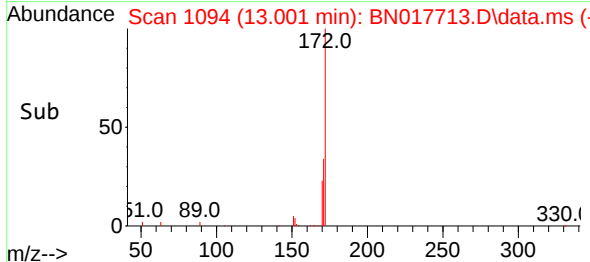
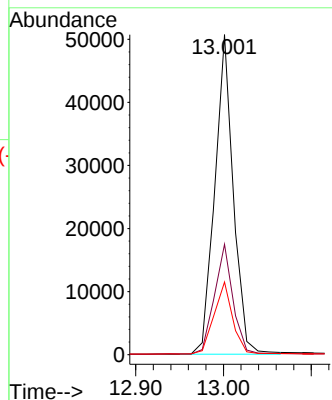
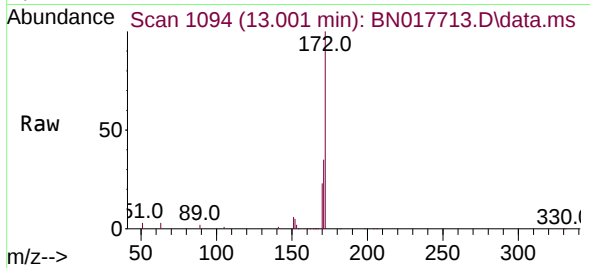




#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 13.001 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

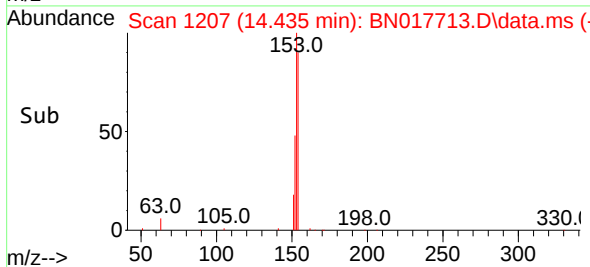
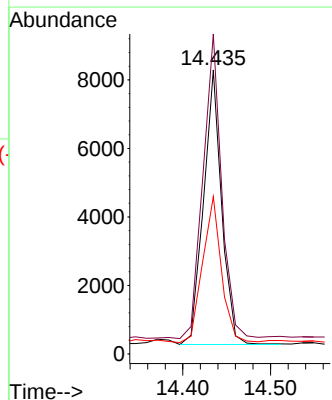
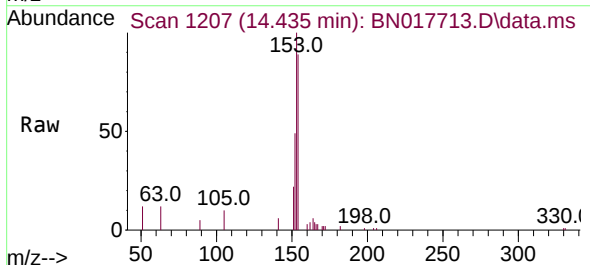
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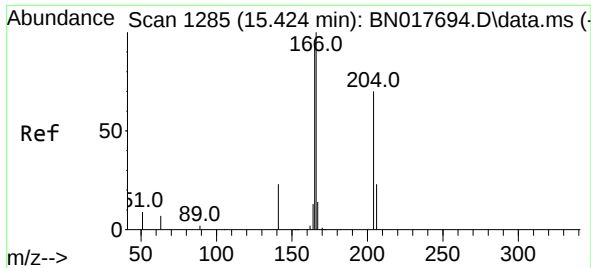
Tgt Ion:172 Resp: 74318
Ion Ratio Lower Upper
172 100
171 34.5 28.7 43.1
170 22.7 19.4 29.2



#17
Acenaphthene
Concen: 0.080 ng
RT: 14.435 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

Tgt Ion:154 Resp: 11493
Ion Ratio Lower Upper
154 100
153 112.8 91.2 136.8
152 55.2 44.3 66.5

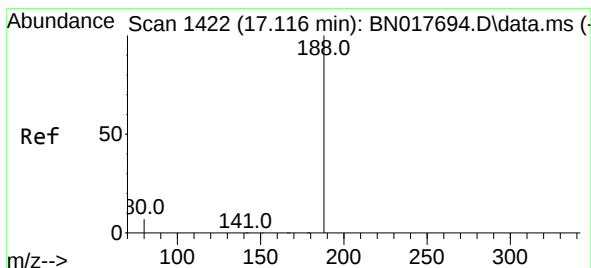
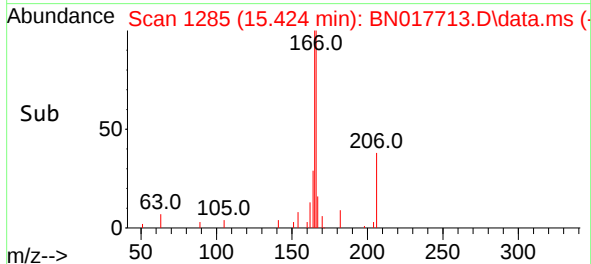
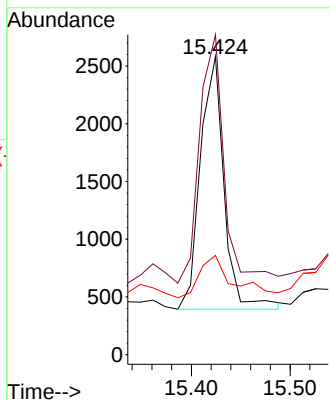
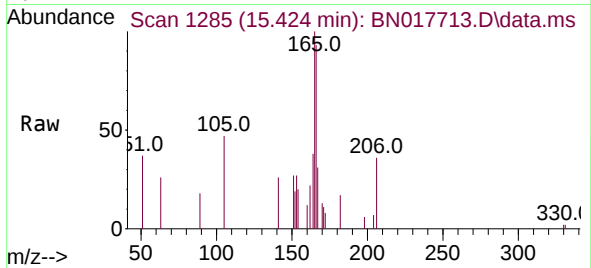




#18
Fluorene
Concen: 0.021 ng
RT: 15.424 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

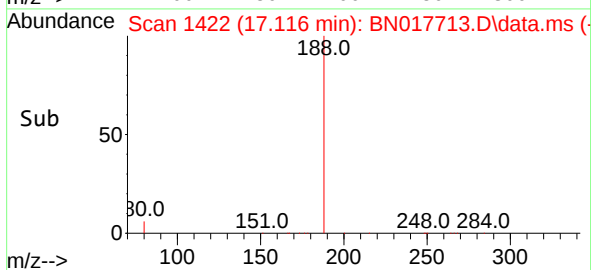
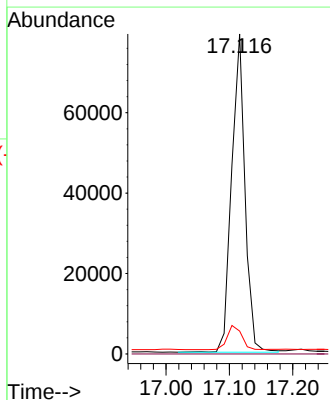
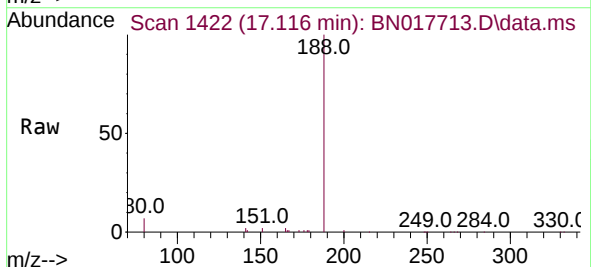
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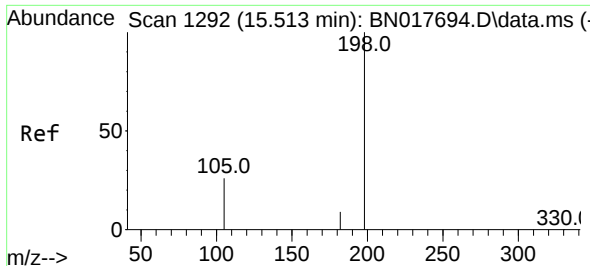
Tgt Ion:166 Resp: 3652
Ion Ratio Lower Upper
166 100
165 101.6 77.9 116.9
167 23.8 10.9 16.3#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

Tgt Ion:188 Resp: 115771
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.2 6.1 9.1

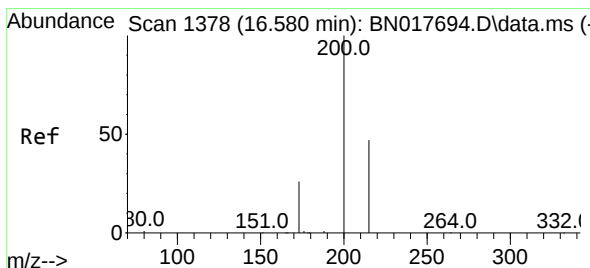
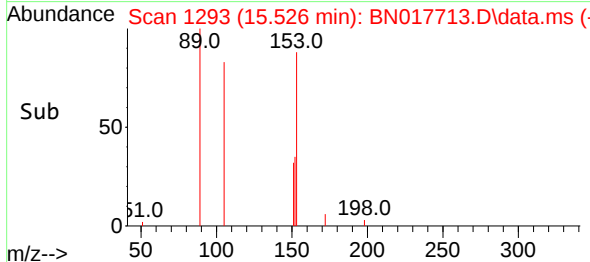
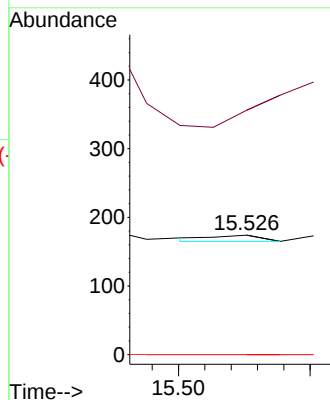
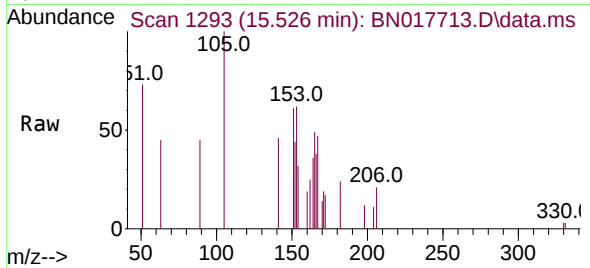




#20
4,6-Dinitro-2-methylphenol
Concen: 0.238 ng
RT: 15.526 min Scan# 1293
Delta R.T. 0.013 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

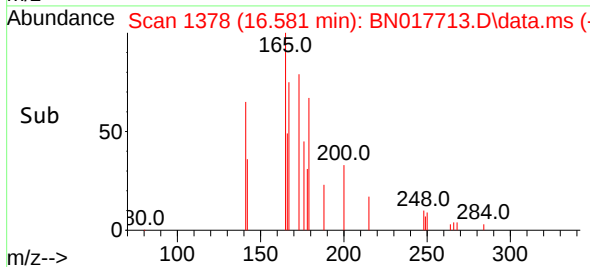
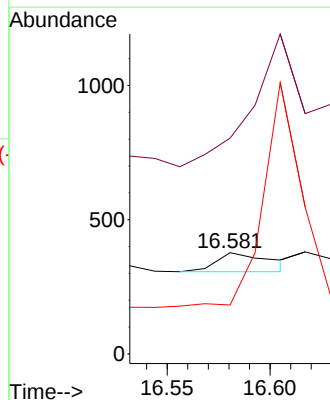
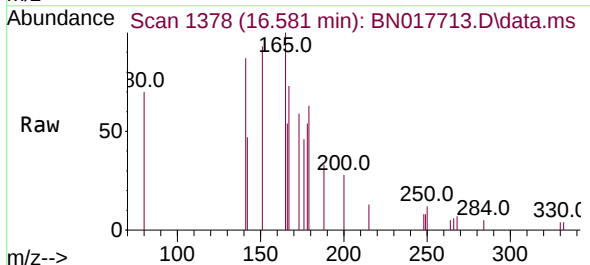
Instrument :
BNA_N
ClientSampleId :
MW-26

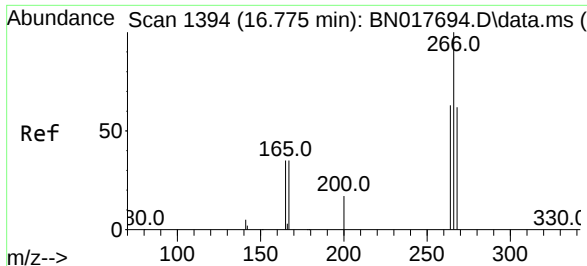
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
182 204.6 11.4 17.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.099 ng
RT: 16.581 min Scan# 1378
Delta R.T. 0.001 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

Tgt Ion:200 Resp: 130
Ion Ratio Lower Upper
200 100
173 213.3 17.6 26.4#
215 48.3 40.2 60.4

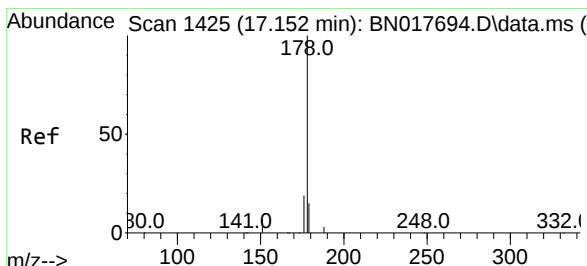
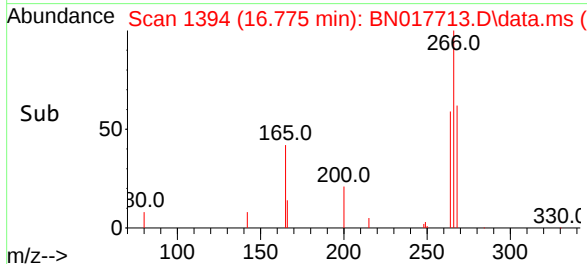
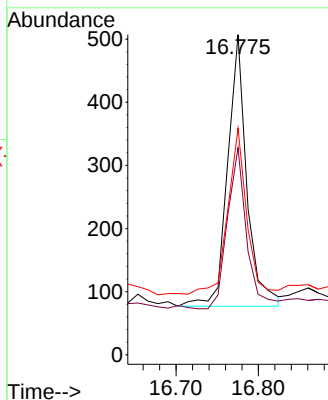
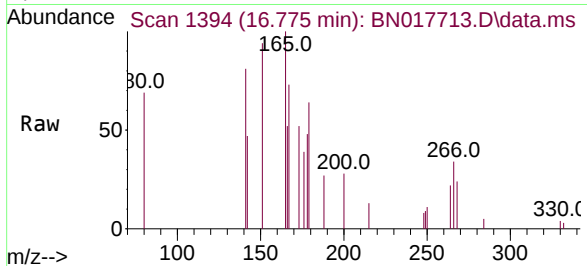




#24
 Pentachlorophenol
 Concen: 0.301 ng
 RT: 16.775 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: BN017713.D
 Acq: 04 Dec 2021 05:55

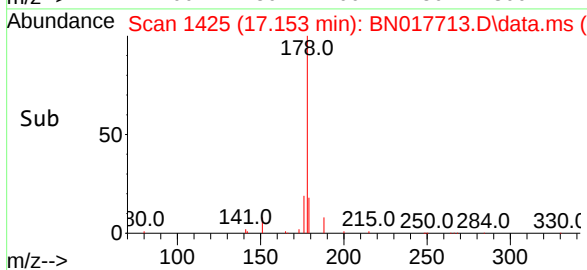
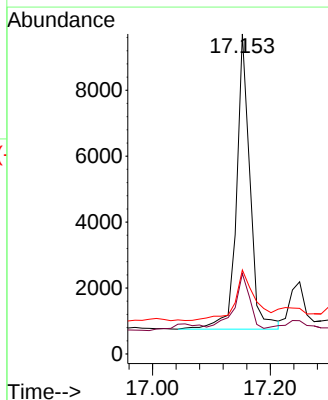
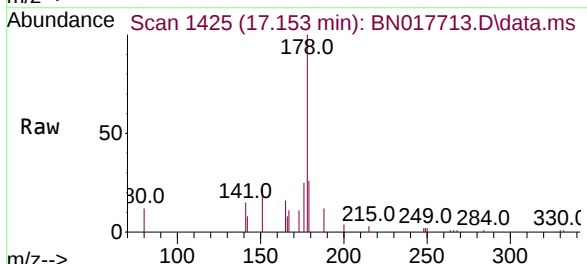
Instrument :
 BNA_N
 ClientSampleId :
 MW-26

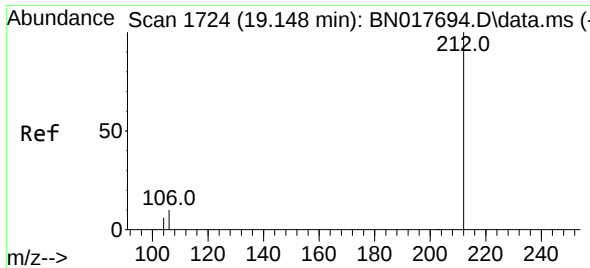
Tgt Ion:	266	Resp:	698
Ion Ratio	Lower	Upper	
266	100		
264	59.6	49.8	74.8
268	59.7	51.3	76.9



#25
 Phenanthrene
 Concen: 0.046 ng
 RT: 17.153 min Scan# 1425
 Delta R.T. 0.000 min
 Lab File: BN017713.D
 Acq: 04 Dec 2021 05:55

Tgt Ion:	178	Resp:	14154
Ion Ratio	Lower	Upper	
178	100		
176	22.1	15.0	22.6
179	24.9	12.3	18.5

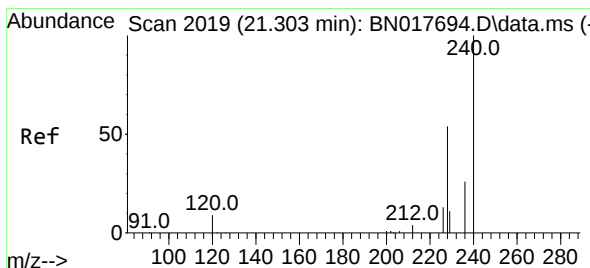
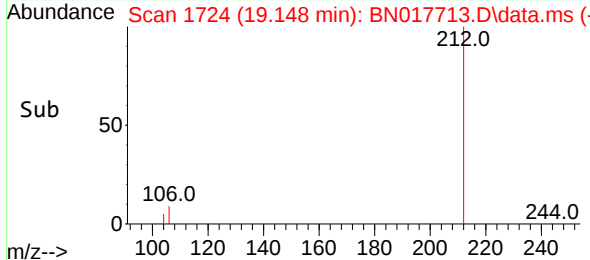
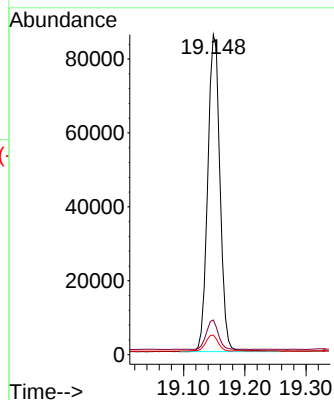
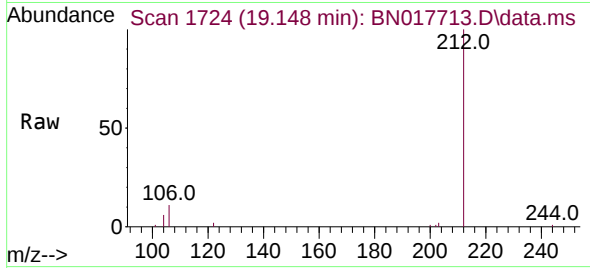




#27
Fluoranthene-d10
Concen: 0.316 ng
RT: 19.148 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

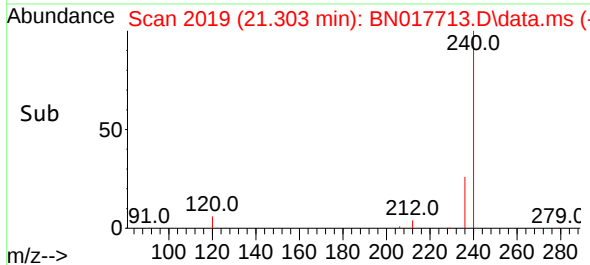
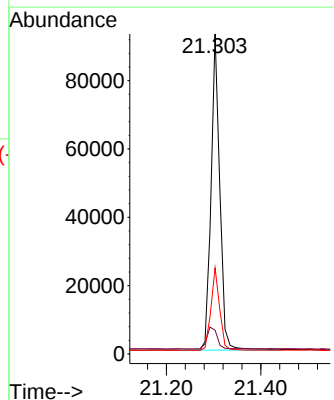
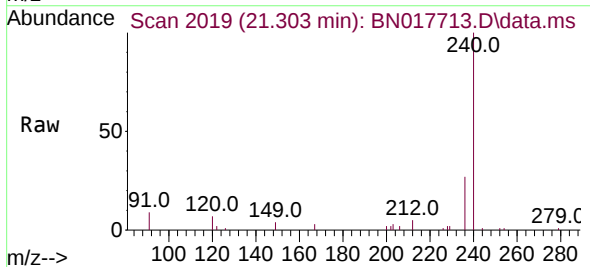
Instrument :
BNA_N
ClientSampleId :
MW-26

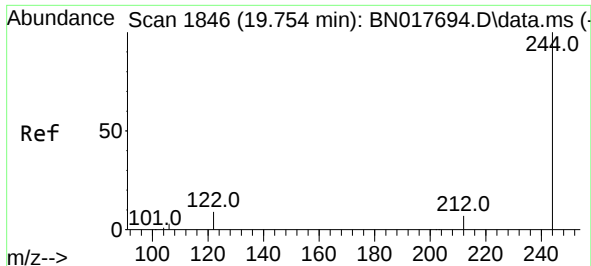
Tgt Ion:212 Resp: 119492
Ion Ratio Lower Upper
212 100
106 9.1 10.5 15.7#
104 5.3 5.8 8.6#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

Tgt Ion:240 Resp: 118603
Ion Ratio Lower Upper
240 100
120 7.4 4.2 6.2#
236 26.9 20.0 30.0

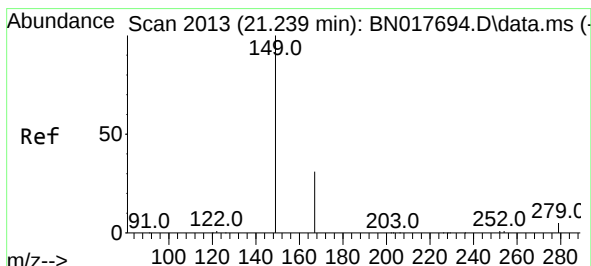
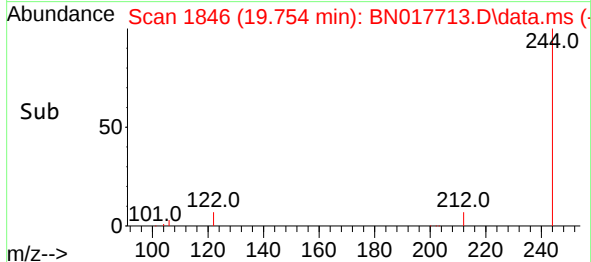
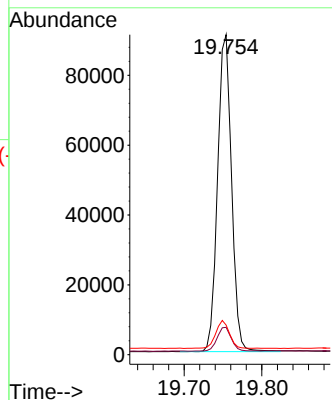
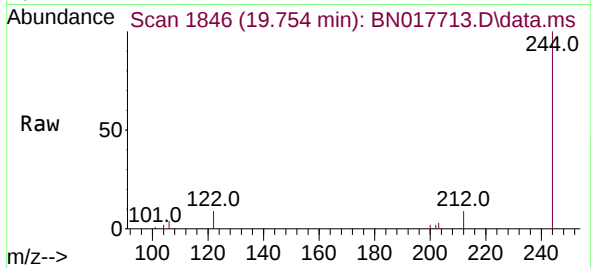




#31
 Terphenyl-d14
 Concen: 0.429 ng
 RT: 19.754 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN017713.D
 Acq: 04 Dec 2021 05:55

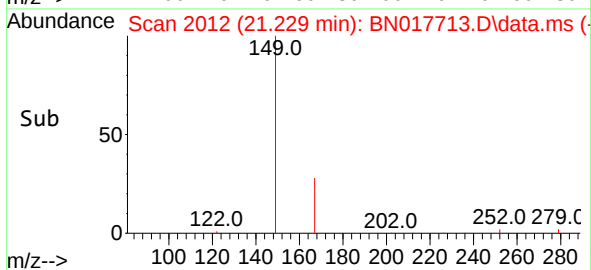
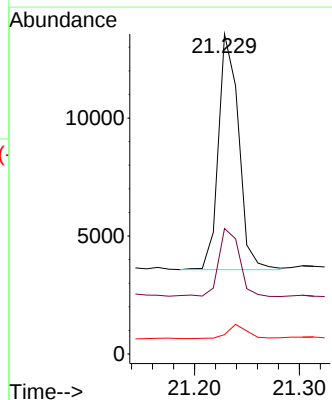
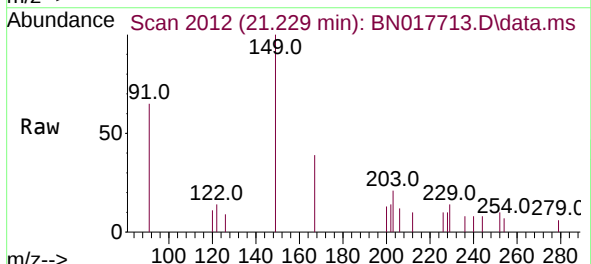
Instrument :
 BNA_N
 ClientSampleId :
 MW-26

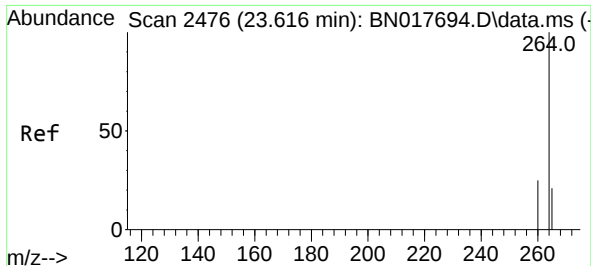
Tgt Ion:244 Resp: 112952
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.7 8.5#
 122 9.2 8.6 13.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.119 ng
 RT: 21.229 min Scan# 2012
 Delta R.T. -0.010 min
 Lab File: BN017713.D
 Acq: 04 Dec 2021 05:55

Tgt Ion:149 Resp: 13366
 Ion Ratio Lower Upper
 149 100
 167 29.8 21.8 32.6
 279 5.9 3.4 5.0#

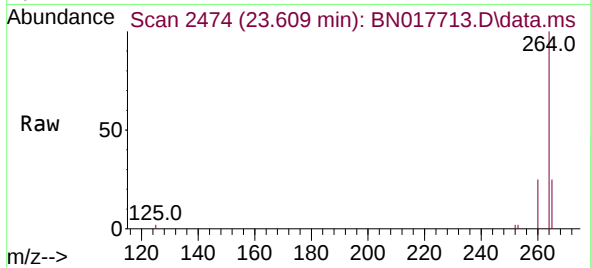




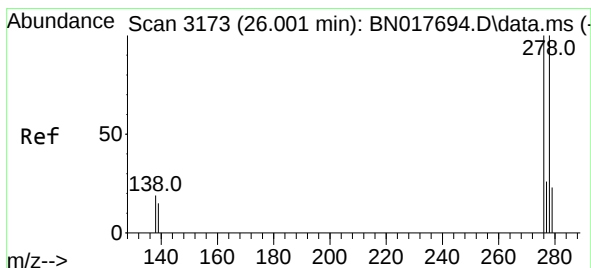
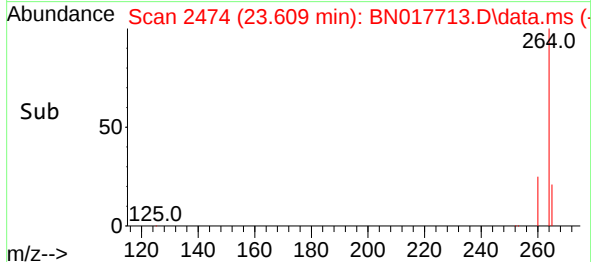
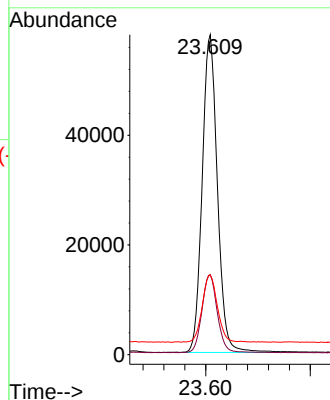
#35
Perylene-d12

Concen: 0.400 ng
RT: 23.609 min Scan# 2476
Delta R.T. -0.007 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

Instrument :
BNA_N
ClientSampleId :
MW-26



Tgt Ion:264 Resp: 116851
Ion Ratio Lower Upper
264 100
260 25.0 19.4 29.2
265 25.0 18.6 28.0



#40
Dibenzo(a,h)anthracene
Concen: 0.085 ng
RT: 25.995 min Scan# 3171
Delta R.T. -0.006 min
Lab File: BN017713.D
Acq: 04 Dec 2021 05:55

Tgt Ion:278 Resp: 655
Ion Ratio Lower Upper
278 100
139 230.8 13.0 19.6#
279 105.4 19.2 28.8#

