

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017722.D
 Acq On : 04 Dec 2021 11:17
 Operator : CG/JU
 Sample : M4917-20
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-36

Quant Time: Dec 06 02:14:30 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)

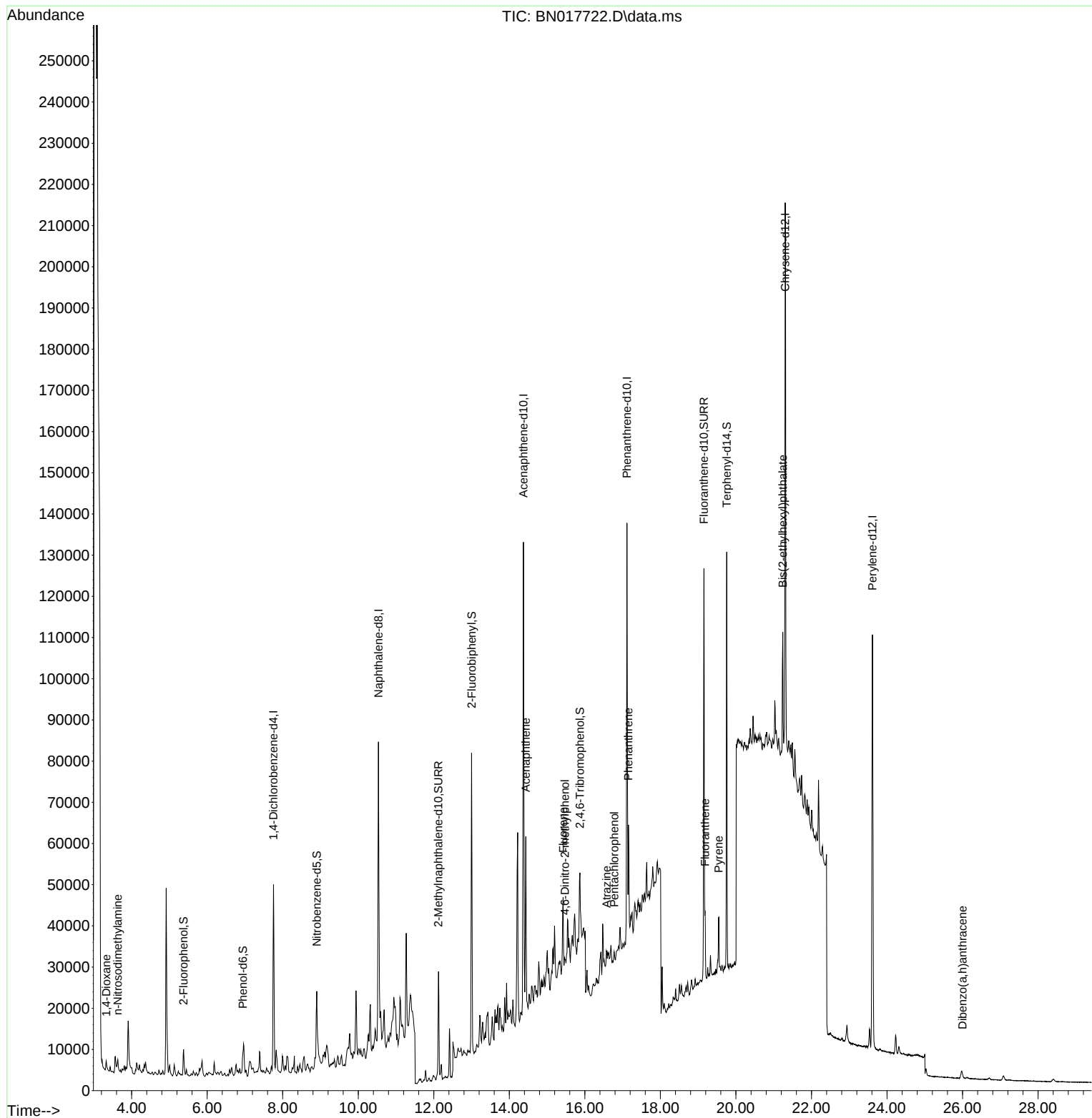
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	23239	0.400	ng	0.00
7) Naphthalene-d8	10.535	136	96176	0.400	ng	# 0.00
13) Acenaphthene-d10	14.372	164	64530	0.400	ng	0.00
19) Phenanthrene-d10	17.116	188	132092	0.400	ng	# 0.00
29) Chrysene-d12	21.303	240	137710	0.400	ng	# 0.00
35) Perylene-d12	23.613	264	137578	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.376	112	6431	0.117	ng	0.02
5) Phenol-d6	6.943	99	4529	0.081	ng	0.02
8) Nitrobenzene-d5	8.900	82	18209	0.391	ng	0.00
11) 2-Methylnaphthalene-d10	12.124	152	36703	0.216	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	14691	0.492	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	61501	0.250	ng	0.00
27) Fluoranthene-d10	19.154	212	117198	0.272	ng	0.00
31) Terphenyl-d14	19.754	244	103131	0.338	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.329	88	564	0.033	ng	# 1
3) n-Nitrosodimethylamine	3.633	42	819	0.035	ng	# 1
17) Acenaphthene	14.435	154	22435	0.133	ng	95
18) Fluorene	15.425	166	10349	0.049	ng	# 95
20) 4,6-Dinitro-2-methylph...	15.476	198	222	0.267	ng	# 1
23) Atrazine	16.581	200	693	0.107	ng	# 1
24) Pentachlorophenol	16.776	266	437	0.293	ng	99
25) Phenanthrene	17.153	178	31888	0.091	ng	# 89
28) Fluoranthene	19.184	202	14525	0.035	ng	# 96
30) Pyrene	19.546	202	13077	0.030	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.240	149	27970	0.214	ng	# 95
40) Dibenzo(a,h)anthracene	25.998	278	707	0.084	ng	# 1

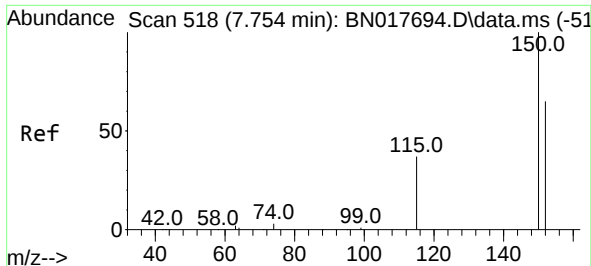
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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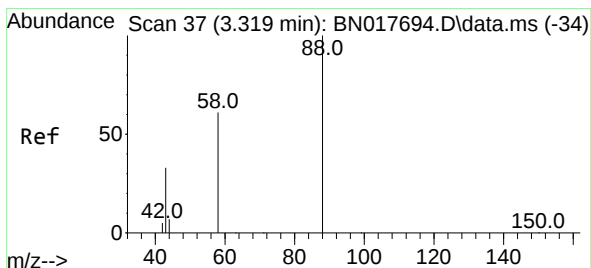
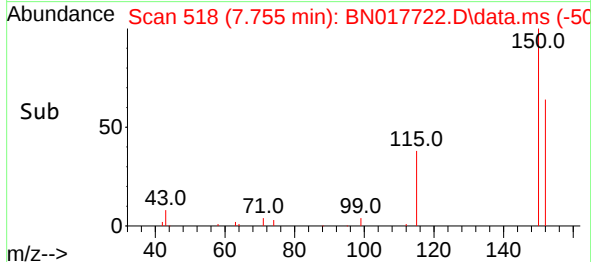
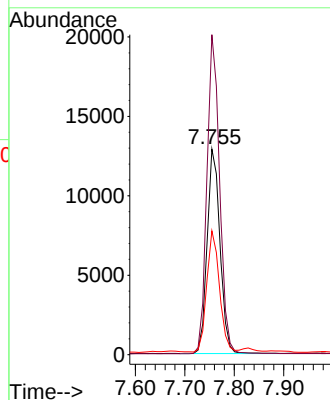
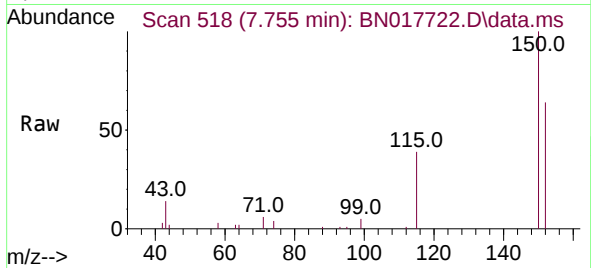




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.755 min Scan# 51
 Delta R.T. 0.001 min
 Lab File: BN017722.D
 Acq: 04 Dec 2021 11:17

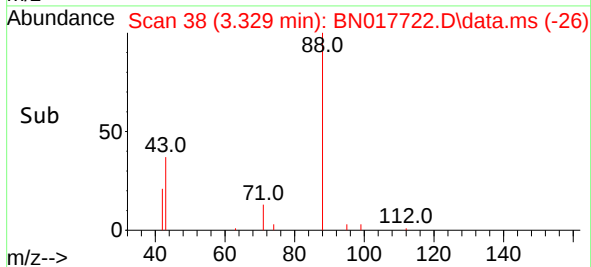
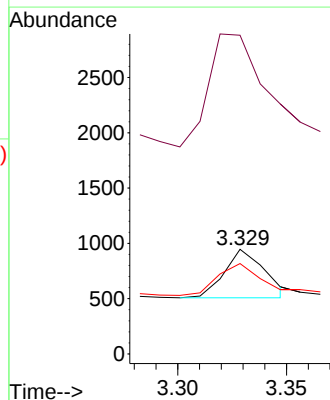
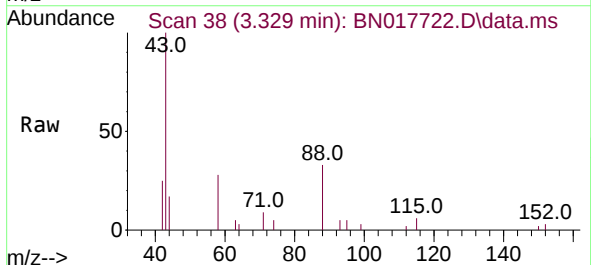
Instrument :
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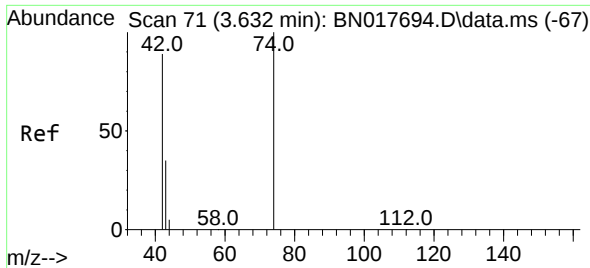
Tgt Ion:152 Resp: 23239
 Ion Ratio Lower Upper
 152 100
 150 155.6 123.0 184.4
 115 60.3 45.6 68.4



#2
 1,4-Dioxane
 Concen: 0.033 ng
 RT: 3.329 min Scan# 38
 Delta R.T. 0.010 min
 Lab File: BN017722.D
 Acq: 04 Dec 2021 11:17

Tgt Ion: 88 Resp: 564
 Ion Ratio Lower Upper
 88 100
 43 316.3 24.7 37.1#
 58 69.9 63.0 94.6

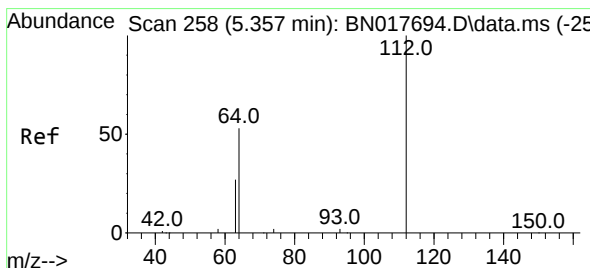
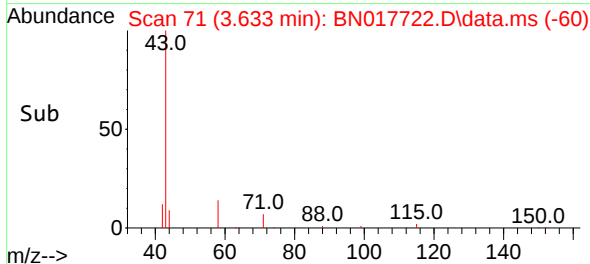
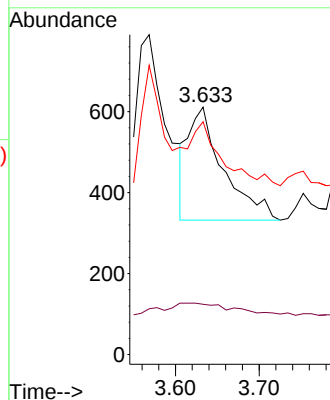
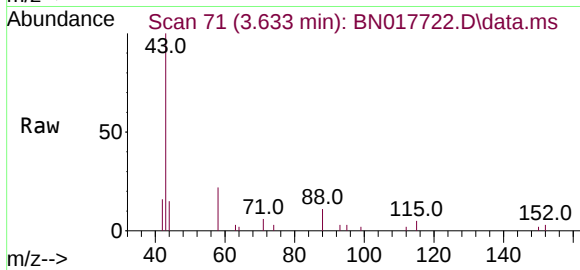




#3
n-Nitrosodimethylamine
Concen: 0.035 ng
RT: 3.633 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

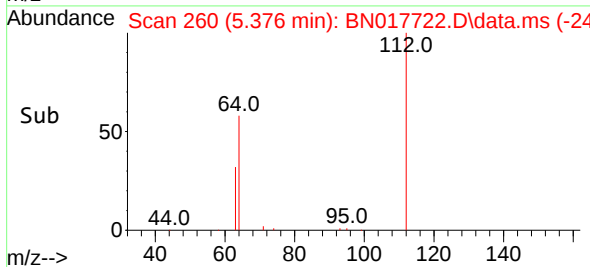
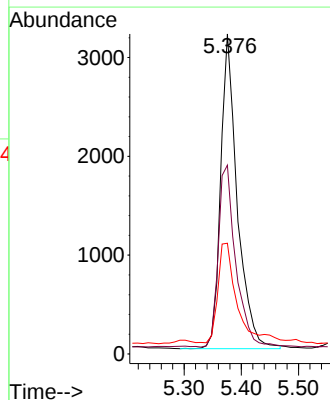
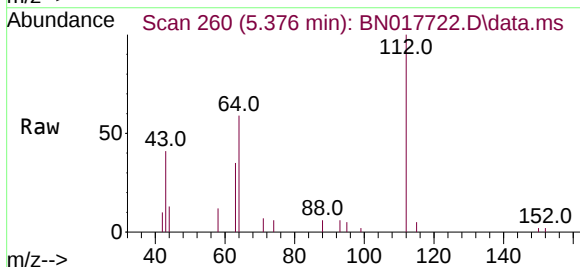
Instrument :
BNA_N
ClientSampleId :
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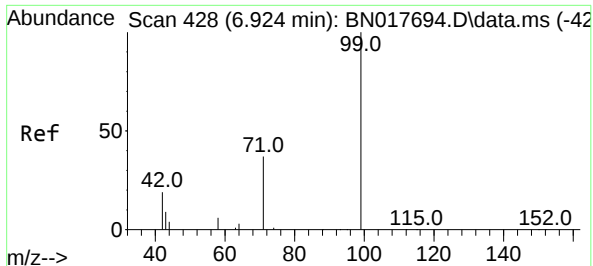
Tgt Ion: 42 Resp: 819
Ion Ratio Lower Upper
42 100
74 0.0 97.8 146.6#
44 45.4 5.5 8.3#



#4
2-Fluorophenol
Concen: 0.117 ng
RT: 5.376 min Scan# 260
Delta R.T. 0.019 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

Tgt Ion: 112 Resp: 6431
Ion Ratio Lower Upper
112 100
64 60.6 47.6 71.4
63 35.9 24.6 37.0

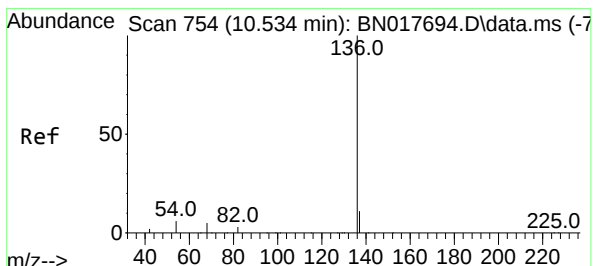
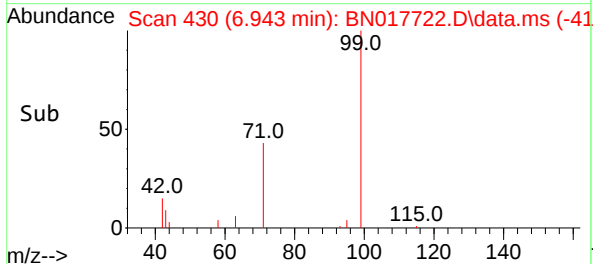
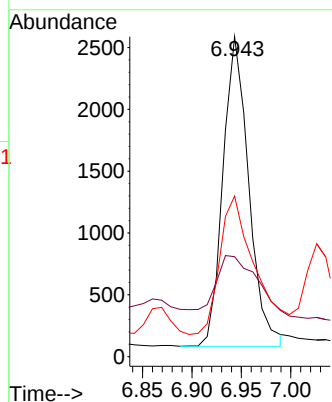
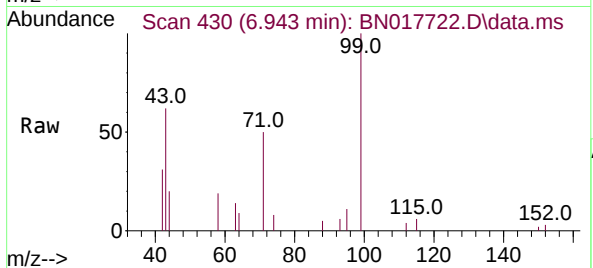




#5
Phenol-d6
Concen: 0.081 ng
RT: 6.943 min Scan# 41
Delta R.T. 0.019 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

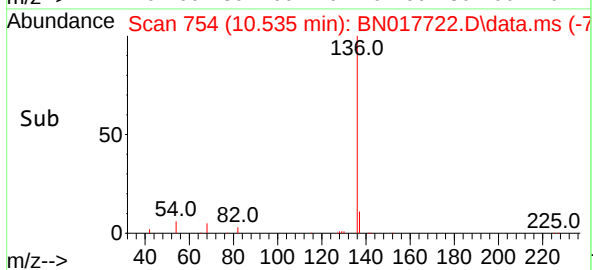
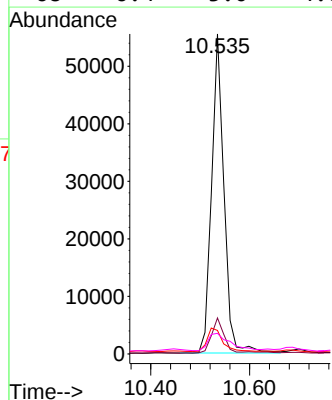
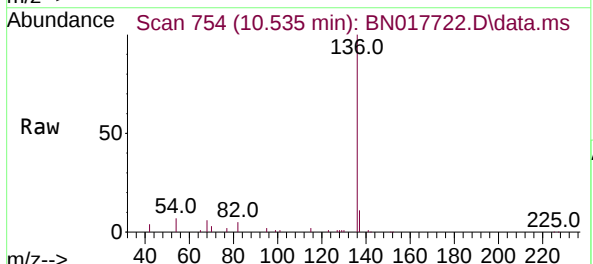
Instrument :
BNA_N
ClientSampleId :
MW-36

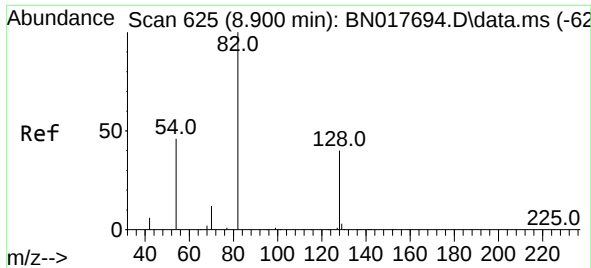
Tgt Ion: 99 Resp: 4529
Ion Ratio Lower Upper
99 100
42 25.3 17.0 25.6
71 59.3 24.8 37.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.535 min Scan# 754
Delta R.T. 0.000 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

Tgt Ion: 136 Resp: 96176
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.3 4.0 6.0#
68 6.4 3.0 4.6#

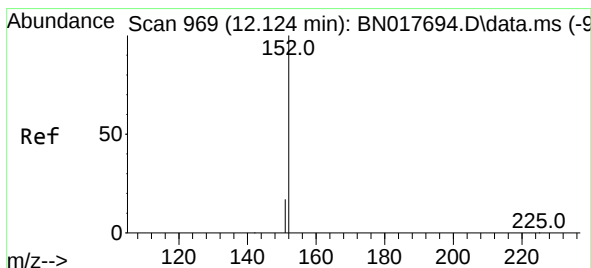
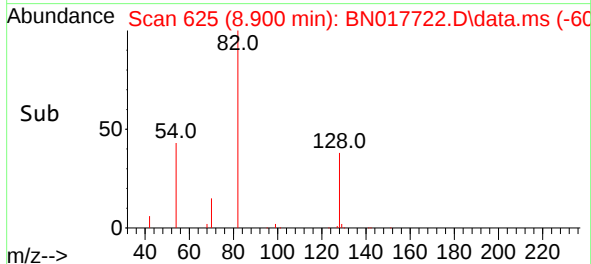
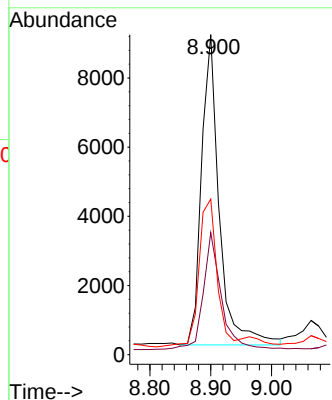
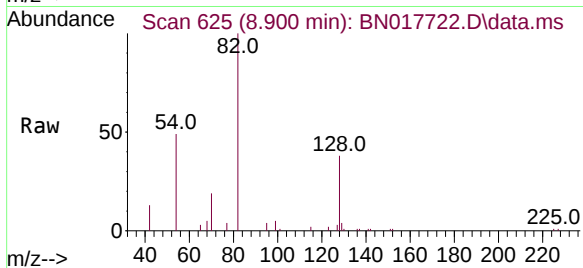




#8
Nitrobenzene-d5
Concen: 0.391 ng
RT: 8.900 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

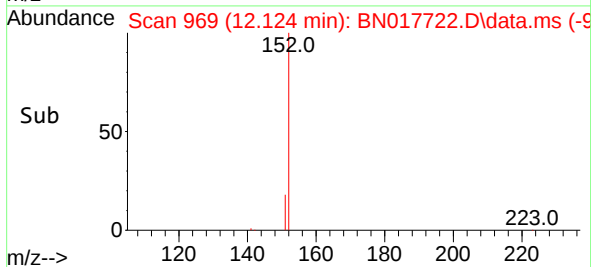
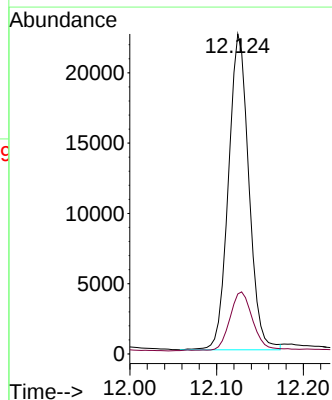
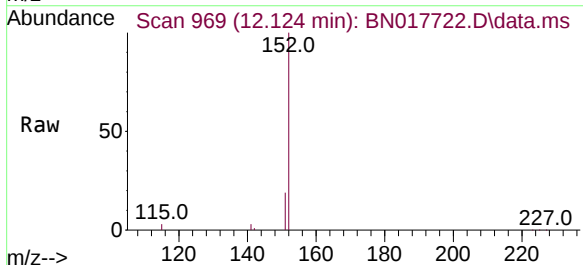
Instrument :
BNA_N
ClientSampleId :
MW-36

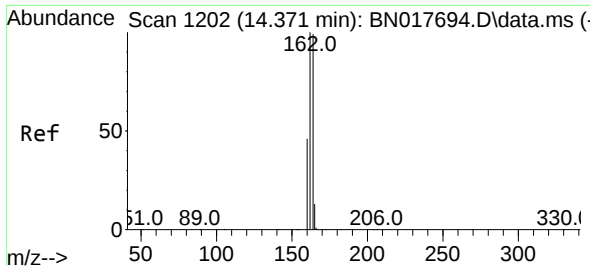
Tgt Ion: 82 Resp: 18209
Ion Ratio Lower Upper
82 100
128 38.2 27.7 41.5
54 48.7 49.2 73.8#



#11
2-Methylnaphthalene-d10
Concen: 0.216 ng
RT: 12.124 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

Tgt Ion:152 Resp: 36703
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4

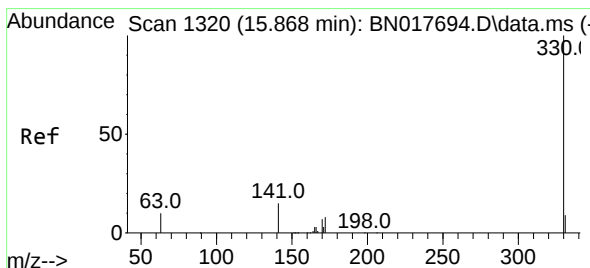
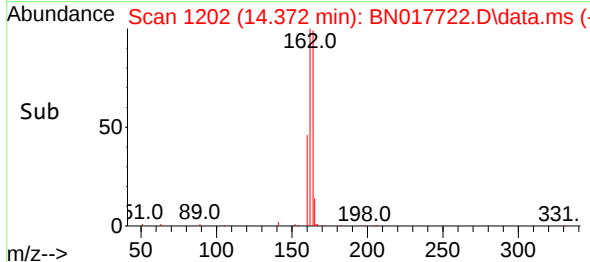
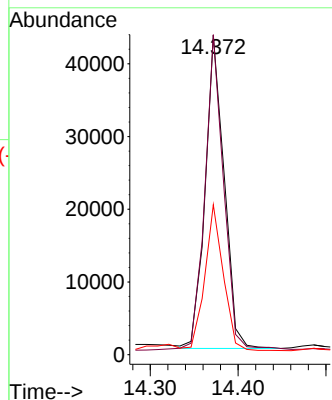
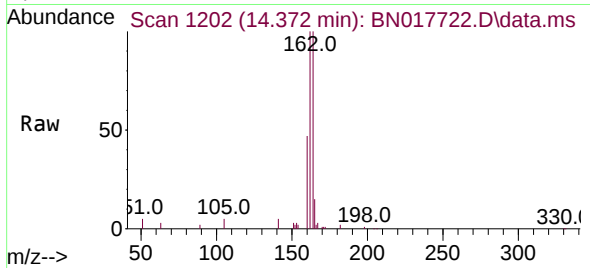




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.372 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN017722.D
 Acq: 04 Dec 2021 11:17

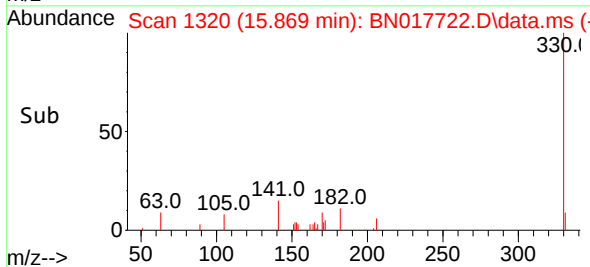
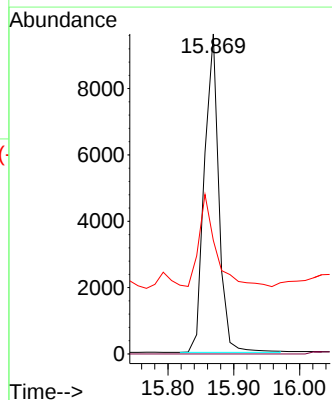
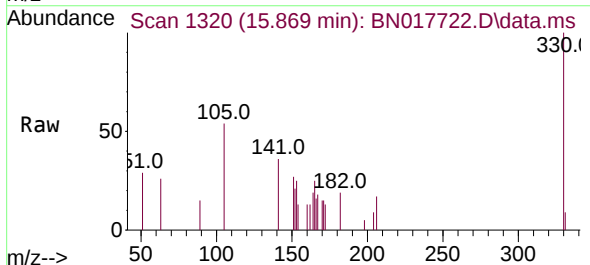
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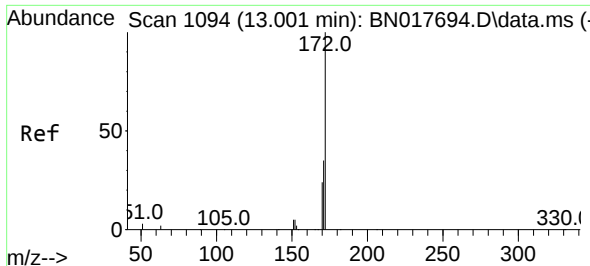
Tgt Ion:164 Resp: 64530
 Ion Ratio Lower Upper
 164 100
 162 100.1 81.4 122.2
 160 46.9 36.8 55.2



#14
 2,4,6-Tribromophenol
 Concen: 0.492 ng
 RT: 15.869 min Scan# 1320
 Delta R.T. 0.001 min
 Lab File: BN017722.D
 Acq: 04 Dec 2021 11:17

Tgt Ion:330 Resp: 14691
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 33.1 28.9 43.3

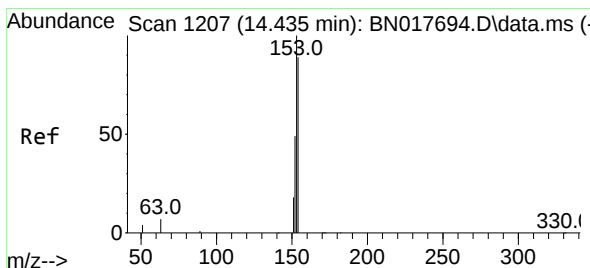
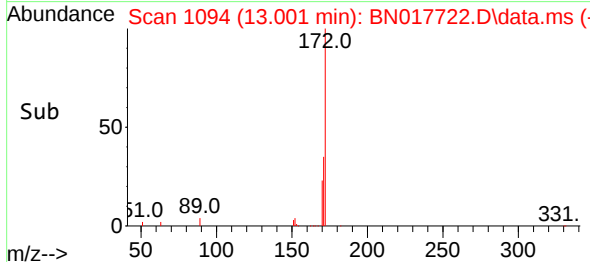
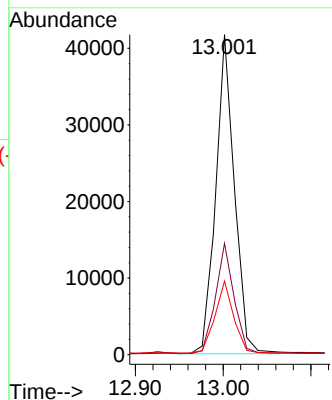
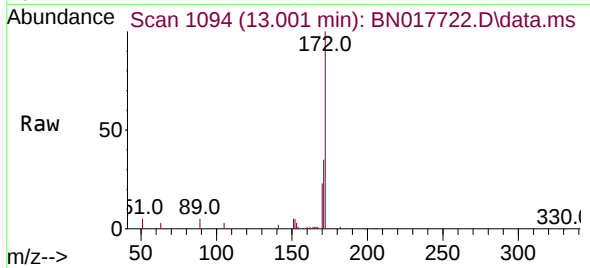




#15
2-Fluorobiphenyl
Concen: 0.250 ng
RT: 13.001 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

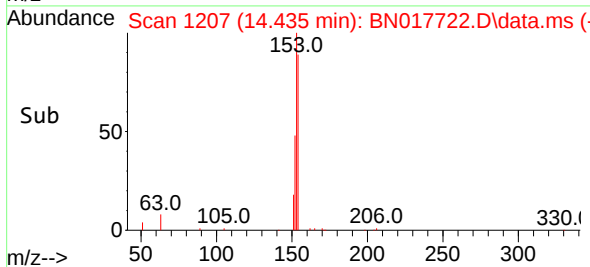
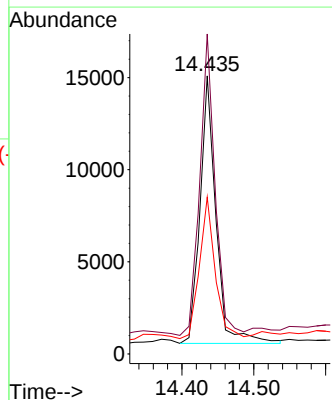
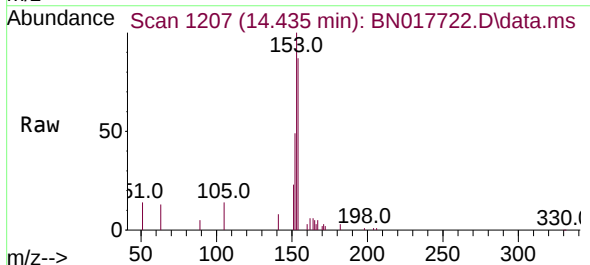
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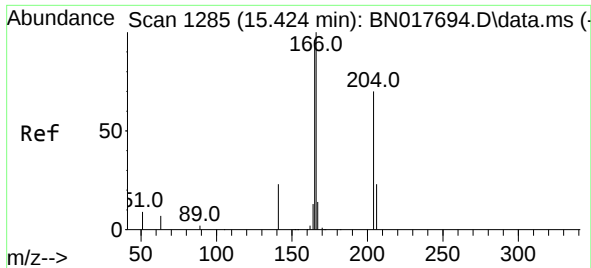
Tgt Ion:172 Resp: 61501
Ion Ratio Lower Upper
172 100
171 34.8 28.7 43.1
170 23.0 19.4 29.2



#17
Acenaphthene
Concen: 0.133 ng
RT: 14.435 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

Tgt Ion:154 Resp: 22435
Ion Ratio Lower Upper
154 100
153 107.7 91.2 136.8
152 52.3 44.3 66.5

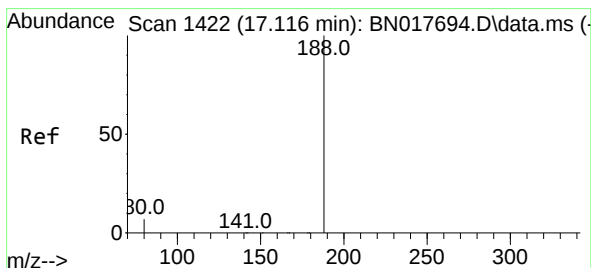
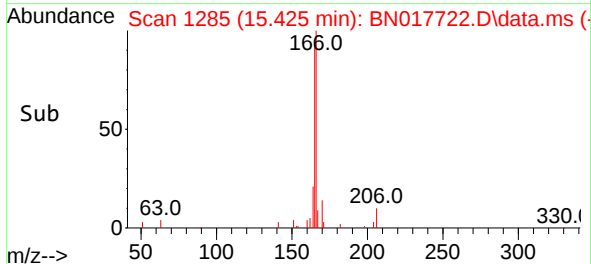
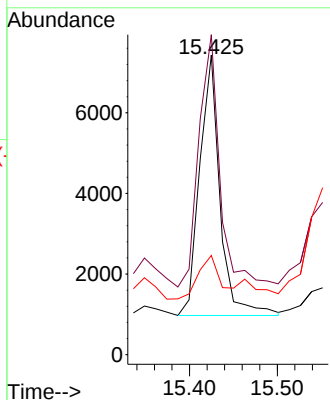
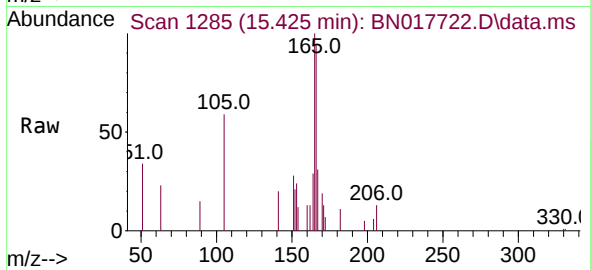




#18
Fluorene
Concen: 0.049 ng
RT: 15.425 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

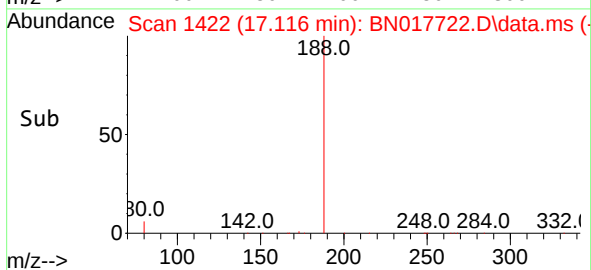
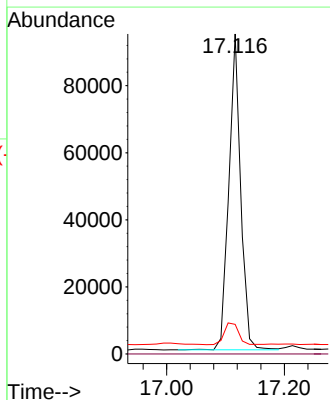
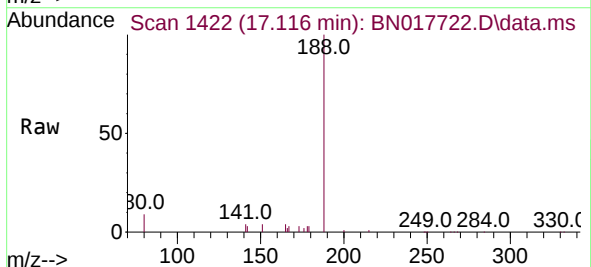
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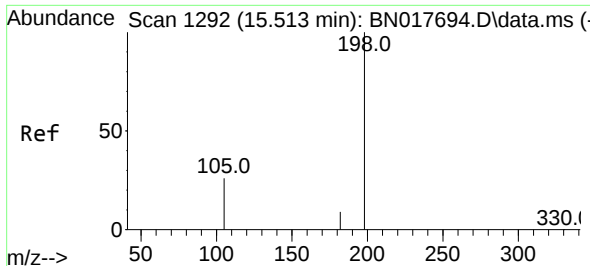
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Ion Ratio Lower Upper
166 100
165 101.6 77.9 116.9
167 18.4 10.9 16.3#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

Tgt Ion:188 Resp: 132092
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 6.1 9.1#

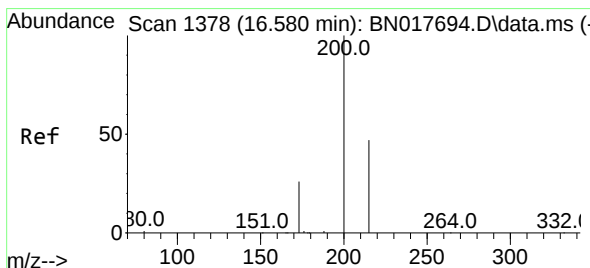
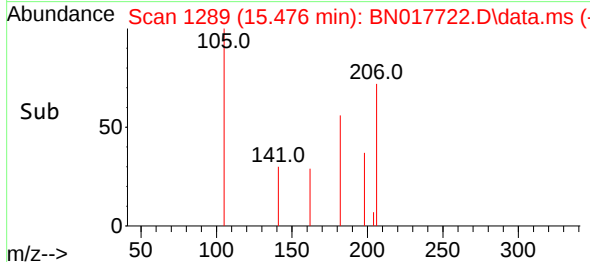
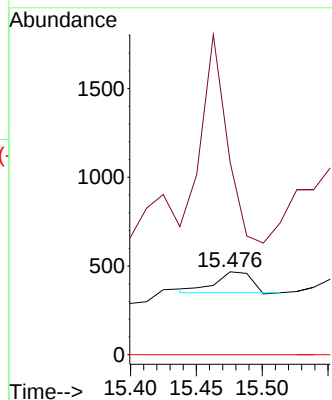
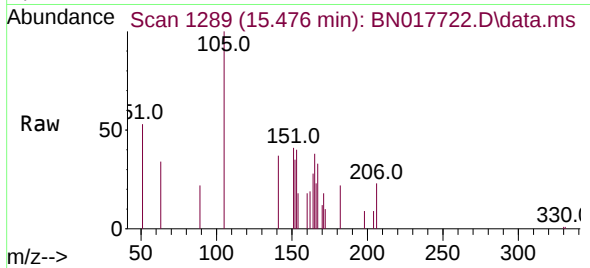




#20
4,6-Dinitro-2-methylphenol
Concen: 0.267 ng
RT: 15.476 min Scan# 1289
Delta R.T. -0.037 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

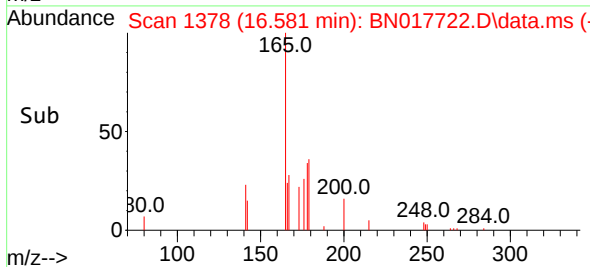
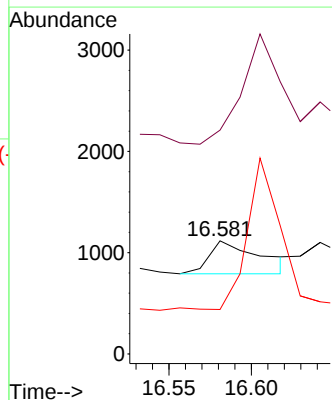
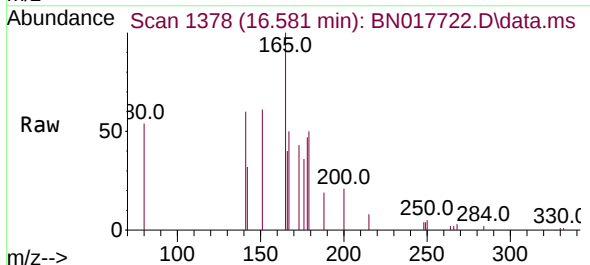
Instrument :
BNA_N
ClientSampleId :
MW-36

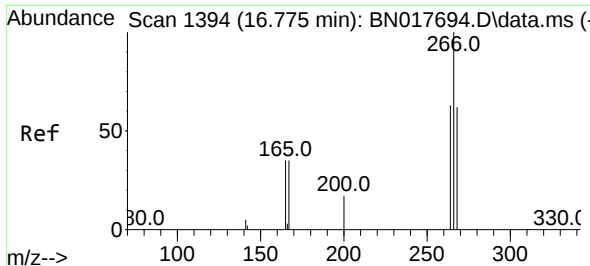
Tgt Ion:198 Resp: 222
Ion Ratio Lower Upper
198 100
182 232.3 11.4 17.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.107 ng
RT: 16.581 min Scan# 1378
Delta R.T. 0.001 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

Tgt Ion:200 Resp: 693
Ion Ratio Lower Upper
200 100
173 197.9 17.6 26.4#
215 39.3 40.2 60.4#

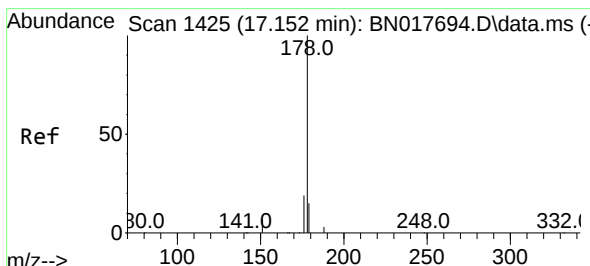
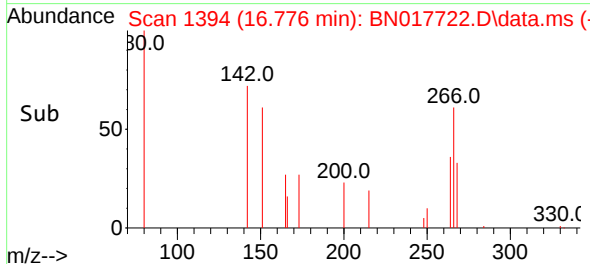
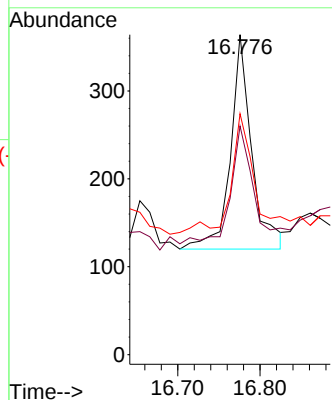
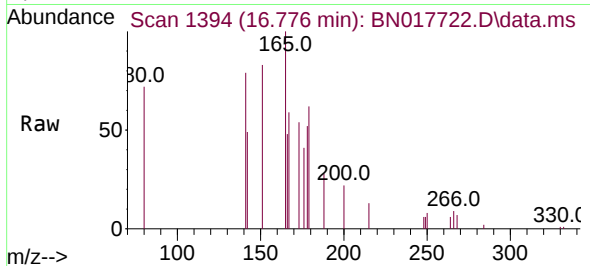




#24
 Pentachlorophenol
 Concen: 0.293 ng
 RT: 16.776 min Scan# 1394
 Delta R.T. 0.001 min
 Lab File: BN017722.D
 Acq: 04 Dec 2021 11:17

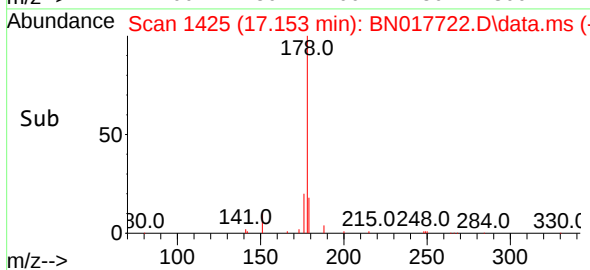
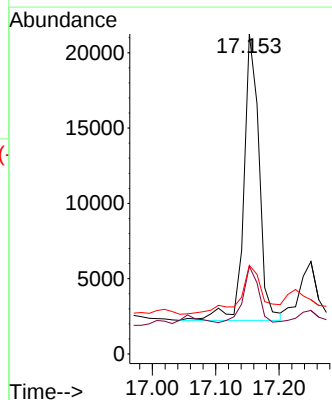
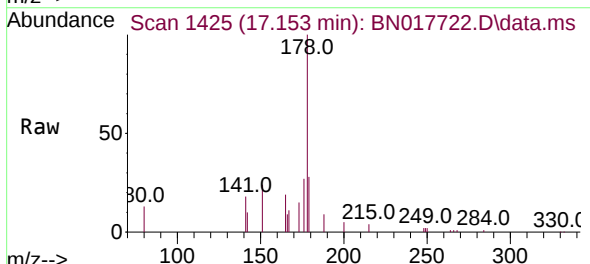
Instrument :
 BNA_N
 ClientSampleId :
 MW-36

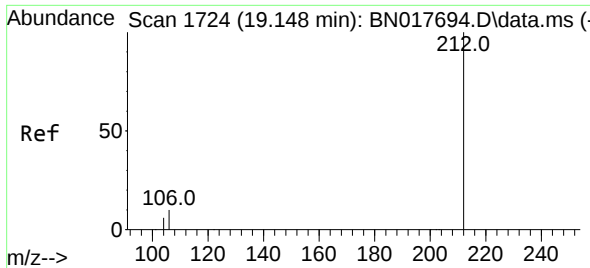
Tgt Ion:	266	Resp:	437
Ion Ratio	Lower	Upper	
266	100		
264	61.8	49.8	74.8
268	64.5	51.3	76.9



#25
 Phenanthrene
 Concen: 0.091 ng
 RT: 17.153 min Scan# 1425
 Delta R.T. 0.000 min
 Lab File: BN017722.D
 Acq: 04 Dec 2021 11:17

Tgt Ion:	178	Resp:	31888
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.0	22.6
179	24.9	12.3	18.5

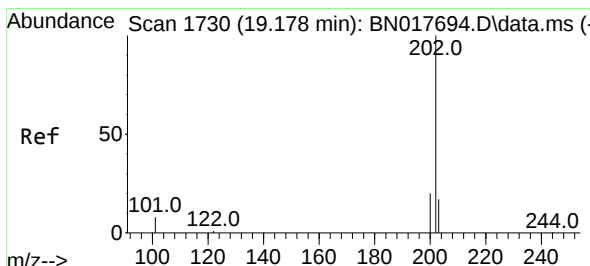
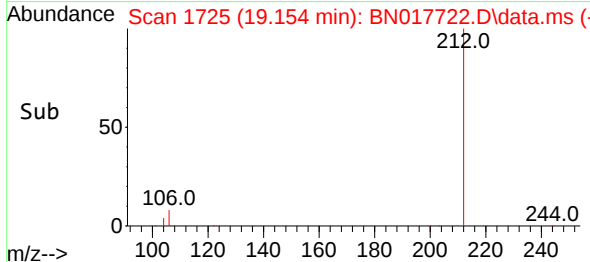
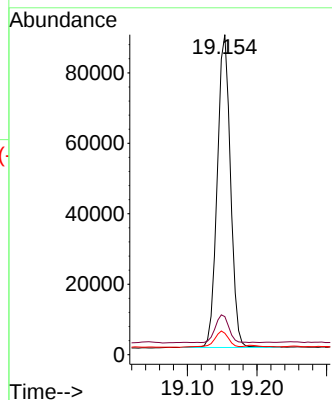
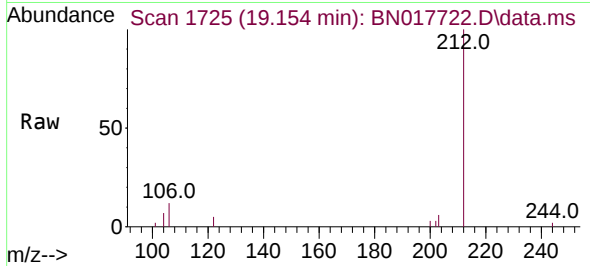




#27
Fluoranthene-d10
Concen: 0.272 ng
RT: 19.154 min Scan# 1725
Delta R.T. 0.005 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

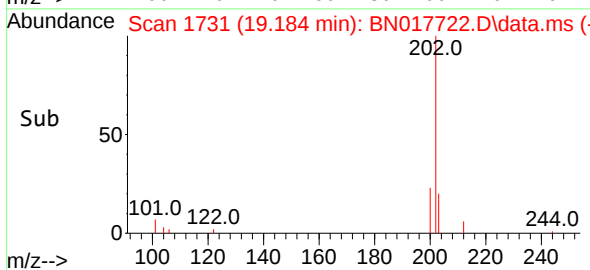
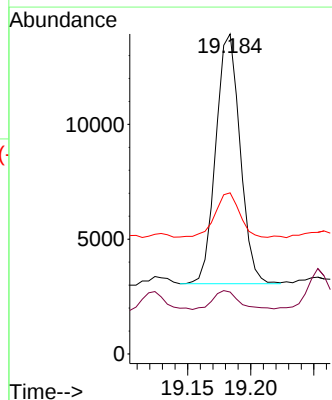
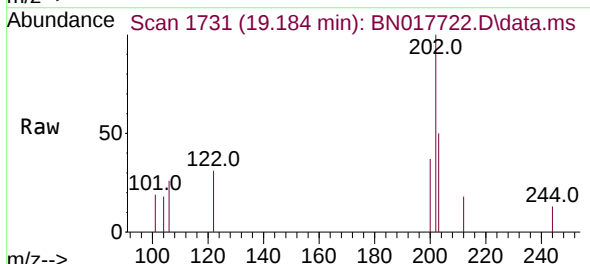
Instrument :
BNA_N
ClientSampleId :
MW-36

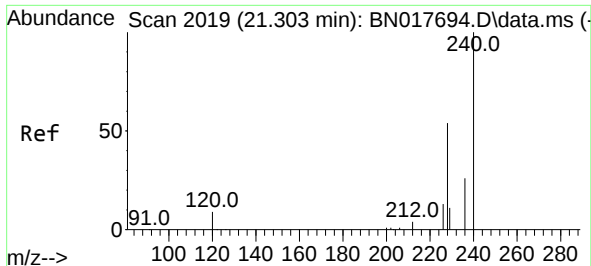
Tgt Ion:212 Resp: 117198
Ion Ratio Lower Upper
212 100
106 9.1 10.5 15.7#
104 5.6 5.8 8.6#



#28
Fluoranthene
Concen: 0.035 ng
RT: 19.184 min Scan# 1731
Delta R.T. 0.005 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

Tgt Ion:202 Resp: 14525
Ion Ratio Lower Upper
202 100
101 7.9 8.9 13.3#
203 17.9 13.8 20.6

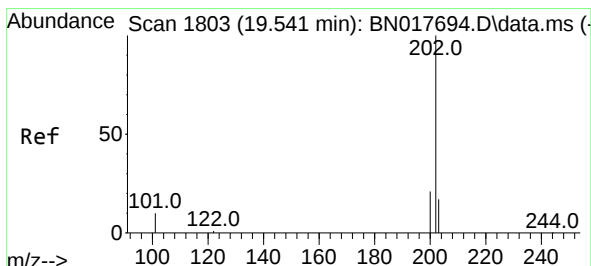
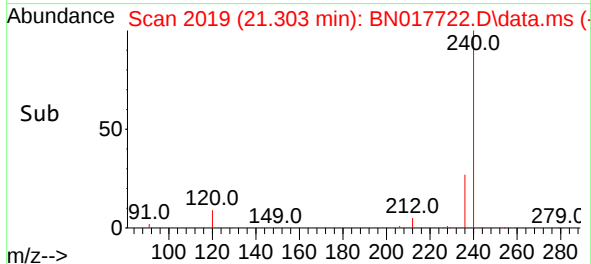
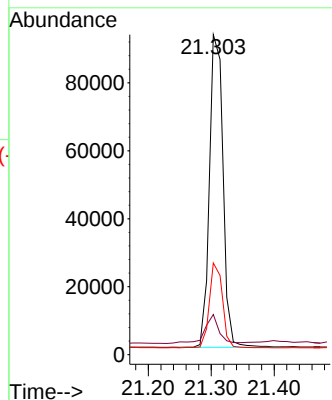
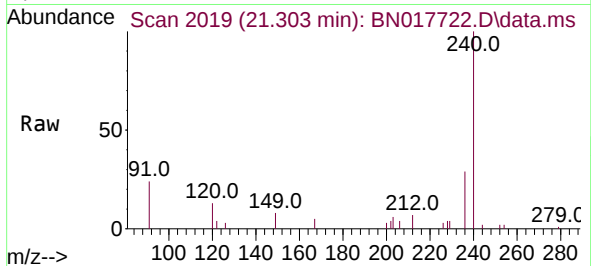




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

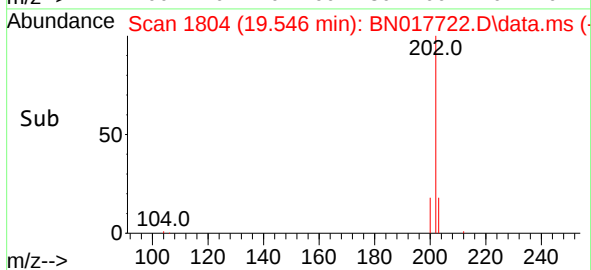
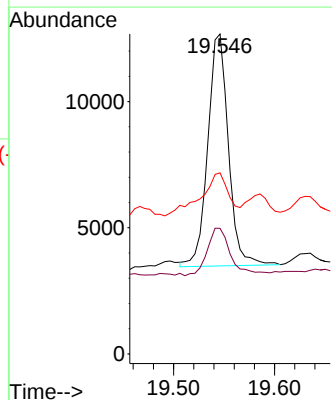
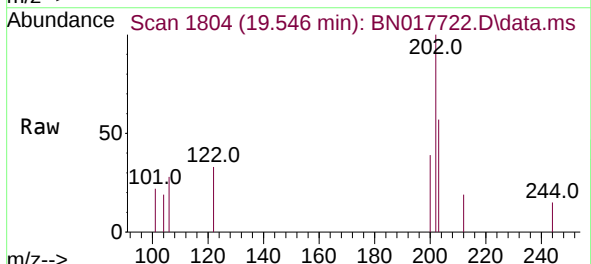
Instrument :
BNA_N
ClientSampleId :
MW-36

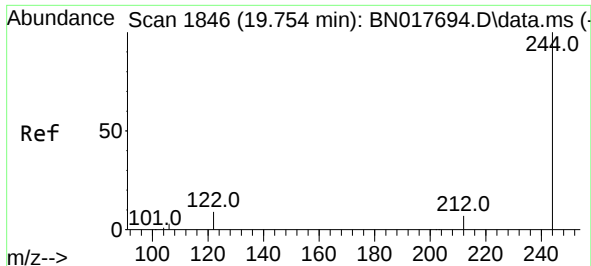
Tgt Ion:240 Resp: 137710
Ion Ratio Lower Upper
240 100
120 12.5 4.2 6.2#
236 28.6 20.0 30.0



#30
Pyrene
Concen: 0.030 ng
RT: 19.546 min Scan# 1804
Delta R.T. 0.005 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

Tgt Ion:202 Resp: 13077
Ion Ratio Lower Upper
202 100
200 23.7 16.5 24.7
203 25.0 14.0 21.0#

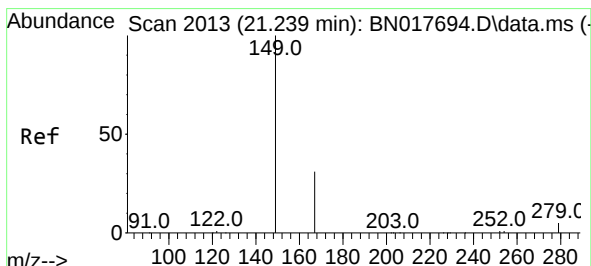
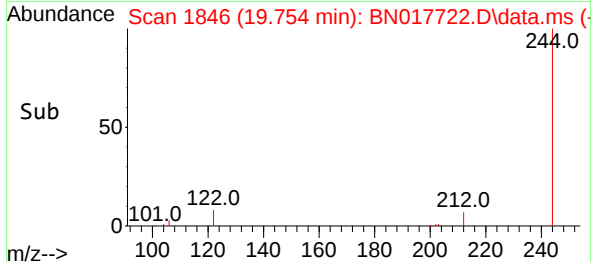
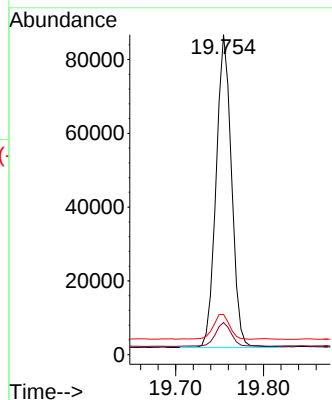
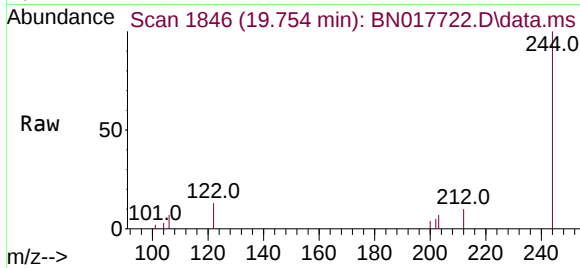




#31
 Terphenyl-d14
 Concen: 0.338 ng
 RT: 19.754 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: BN017722.D
 Acq: 04 Dec 2021 11:17

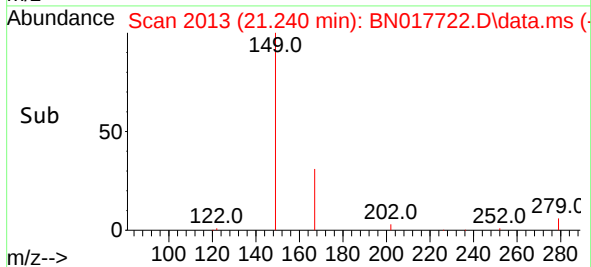
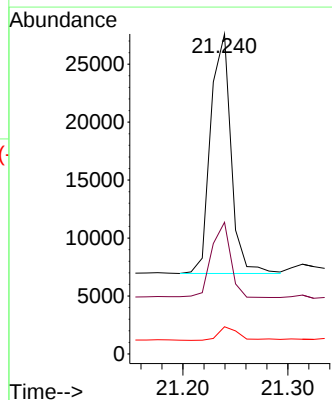
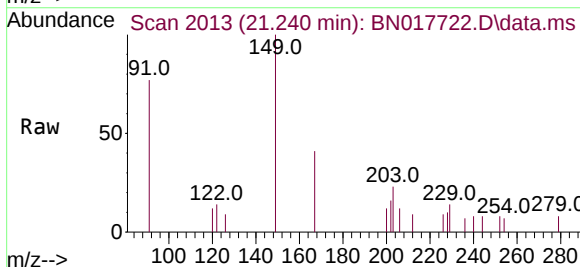
Instrument :
 BNA_N
 ClientSampleId :
 MW-36

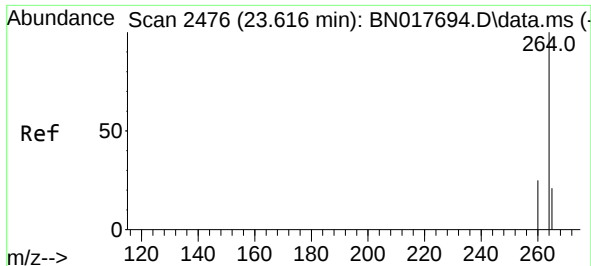
Tgt Ion:244 Resp: 103131
 Ion Ratio Lower Upper
 244 100
 212 10.0 5.7 8.5#
 122 12.6 8.6 13.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.214 ng
 RT: 21.240 min Scan# 2013
 Delta R.T. 0.001 min
 Lab File: BN017722.D
 Acq: 04 Dec 2021 11:17

Tgt Ion:149 Resp: 27970
 Ion Ratio Lower Upper
 149 100
 167 29.6 21.8 32.6
 279 5.3 3.4 5.0#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.613 min Scan# 2475

Delta R.T. -0.003 min

Lab File: BN017722.D

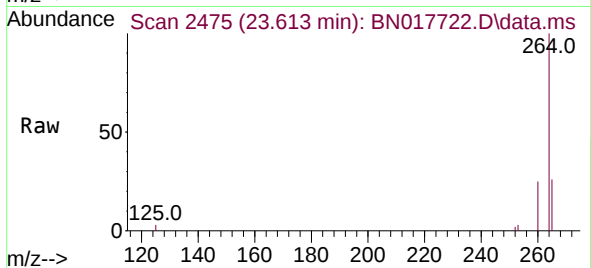
Acq: 04 Dec 2021 11:17

Instrument :

BNA_N

ClientSampleId :

MW-36



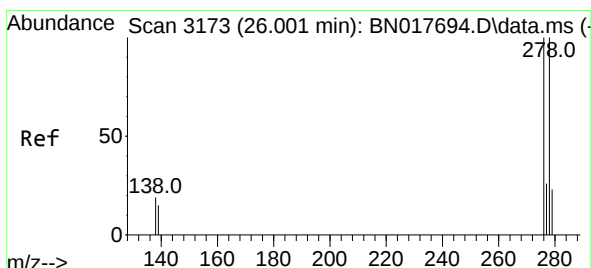
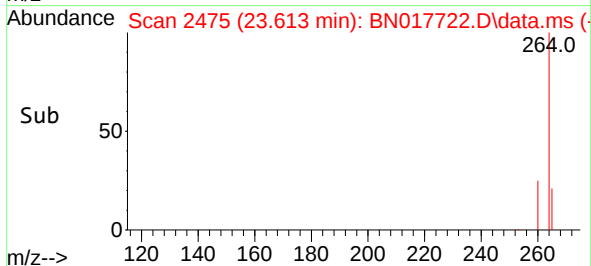
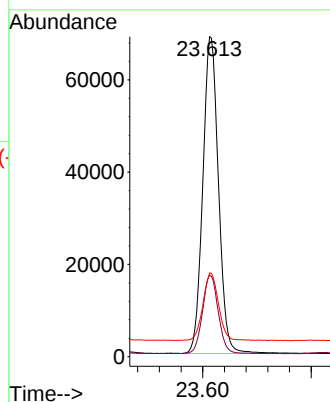
Tgt Ion:264 Resp: 137578

Ion Ratio Lower Upper

264 100

260 25.5 19.4 29.2

265 26.2 18.6 28.0



#40

Dibenzo(a,h)anthracene

Concen: 0.084 ng

RT: 25.998 min Scan# 3172

Delta R.T. -0.003 min

Lab File: BN017722.D

Acq: 04 Dec 2021 11:17

Tgt Ion:278 Resp: 707

Ion Ratio Lower Upper

278 100

139 265.0 13.0 19.6#

279 120.3 19.2 28.8#

