

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017774.D
 Acq On : 07 Dec 2021 21:49
 Operator : CG/JU
 Sample : M4917-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-26

Quant Time: Dec 08 07:34:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

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

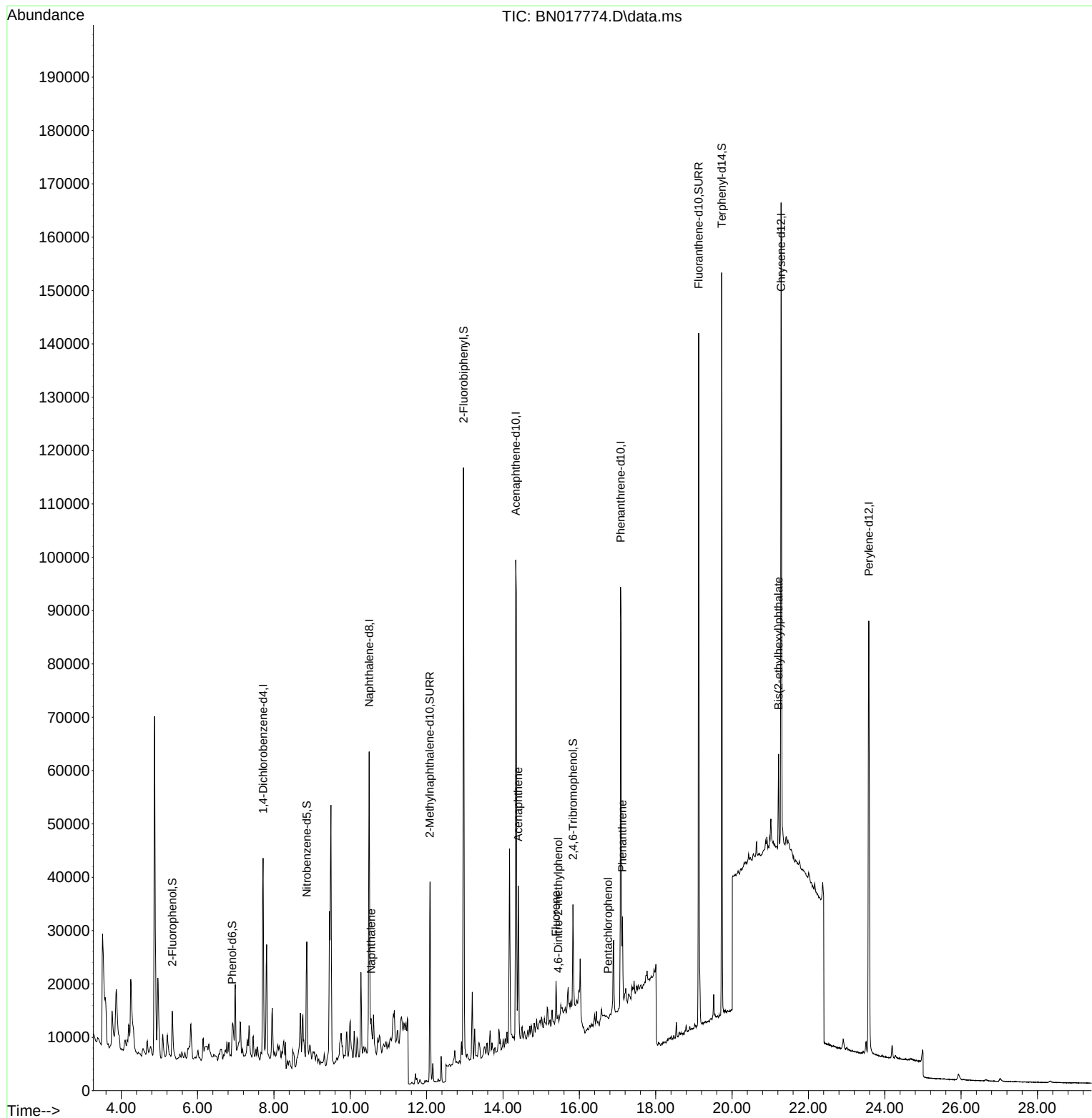
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20267	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	75401	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	59664	0.400	ng	-0.01
19) Phenanthrene-d10	17.080	188	124296	0.400	ng	#-0.01
29) Chrysene-d12	21.283	240	122849	0.400	ng	0.00
35) Perylene-d12	23.582	264	115894	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	10063	0.206	ng	0.00
5) Phenol-d6	6.904	99	5488	0.118	ng	0.00
8) Nitrobenzene-d5	8.859	82	20171	0.402	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	54123	0.360	ng	0.00
14) 2,4,6-Tribromophenol	15.832	330	17148	0.550	ng	-0.01
15) 2-Fluorobiphenyl	12.964	172	96760	0.443	ng	0.00
27) Fluoranthene-d10	19.125	212	154084	0.371	ng	0.00
31) Terphenyl-d14	19.730	244	141337	0.536	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.545	128	8412	0.043	ng	# 88
17) Acenaphthene	14.398	154	15543	0.100	ng	97
18) Fluorene	15.388	166	4689	0.024	ng	# 96
20) 4,6-Dinitro-2-methylph...	15.451	198	93	0.154	ng	# 1
24) Pentachlorophenol	16.752	266	180	0.285	ng	# 83
25) Phenanthrene	17.129	178	18493	0.057	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.219	149	15791	0.092	ng	# 98

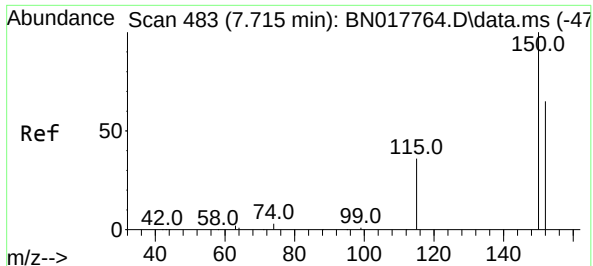
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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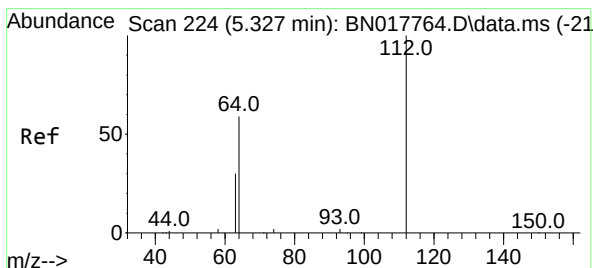
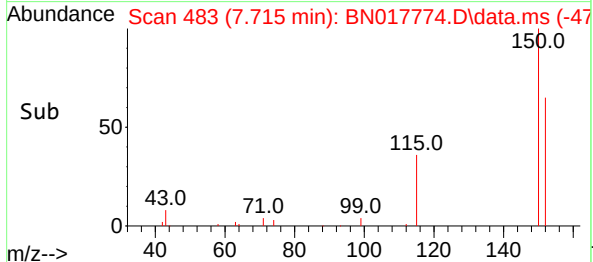
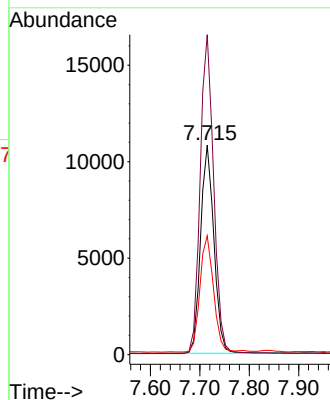
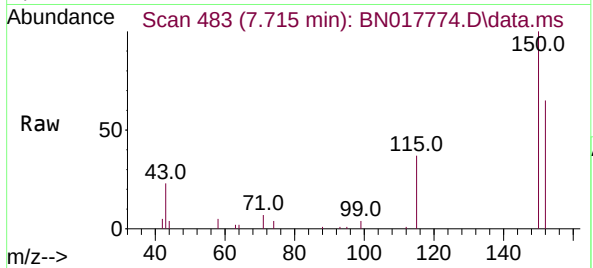




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN017774.D
Acq: 07 Dec 2021 21:49

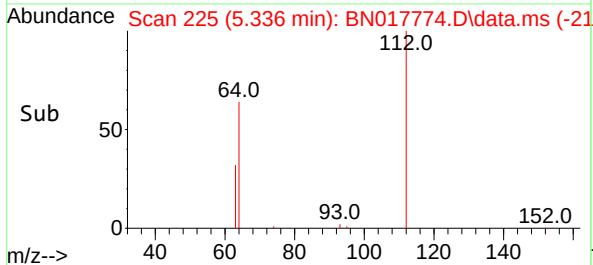
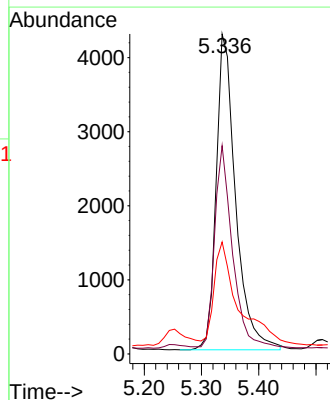
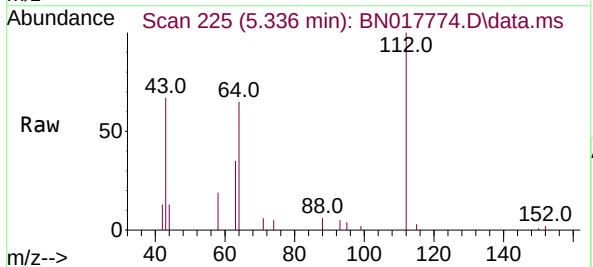
Instrument :
BNA_N
ClientSampleId :
MW-26

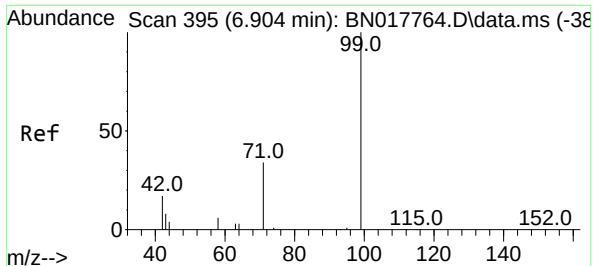
Tgt Ion:152 Resp: 20267
Ion Ratio Lower Upper
152 100
150 152.7 123.0 184.4
115 56.7 45.3 67.9



#4
2-Fluorophenol
Concen: 0.206 ng
RT: 5.336 min Scan# 225
Delta R.T. 0.009 min
Lab File: BN017774.D
Acq: 07 Dec 2021 21:49

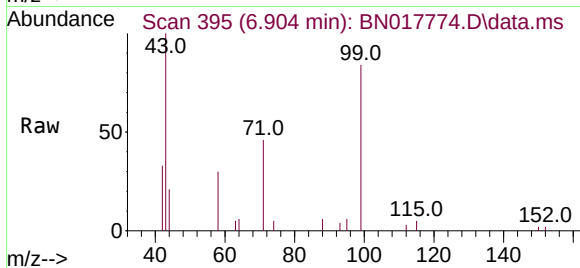
Tgt Ion:112 Resp: 10063
Ion Ratio Lower Upper
112 100
64 57.2 49.3 73.9
63 36.0 25.8 38.8



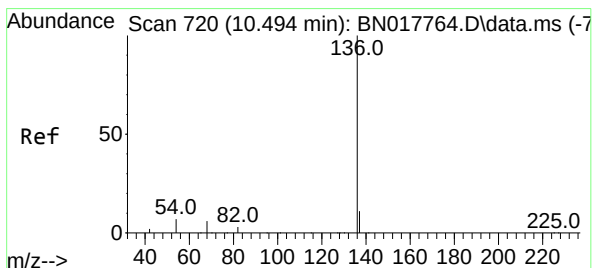
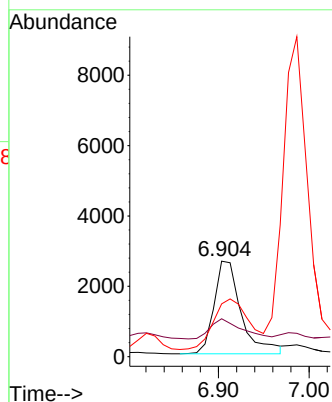
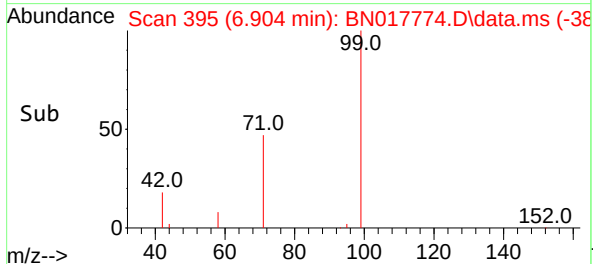


#5
Phenol-d6
Concen: 0.118 ng
RT: 6.904 min Scan# 395
Delta R.T. -0.000 min
Lab File: BN017774.D
Acq: 07 Dec 2021 21:49

Instrument :
BNA_N
ClientSampleId :
MW-26

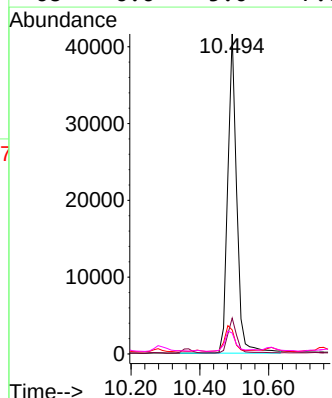
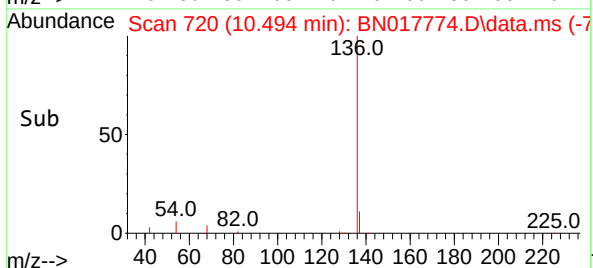
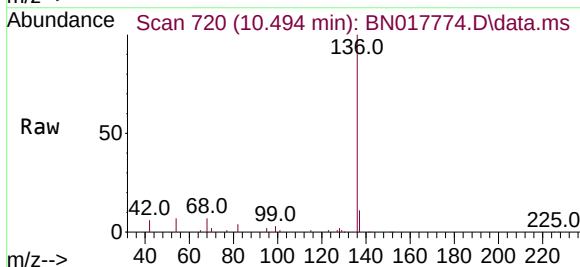


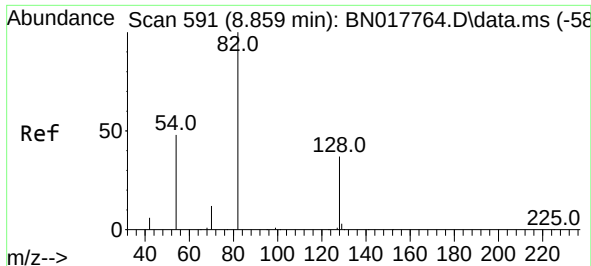
Tgt Ion: 99 Resp: 5488
Ion Ratio Lower Upper
99 100
42 24.9 16.6 25.0
71 71.9 29.0 43.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 720
Delta R.T. -0.000 min
Lab File: BN017774.D
Acq: 07 Dec 2021 21:49

Tgt Ion: 136 Resp: 75401
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.5 5.9 8.9
68 6.6 5.0 7.6

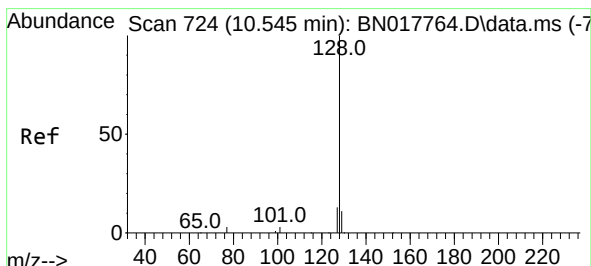
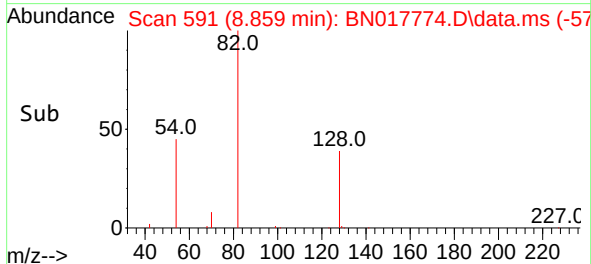
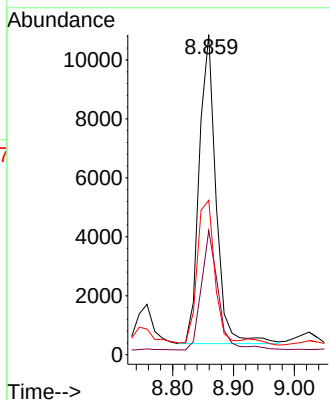
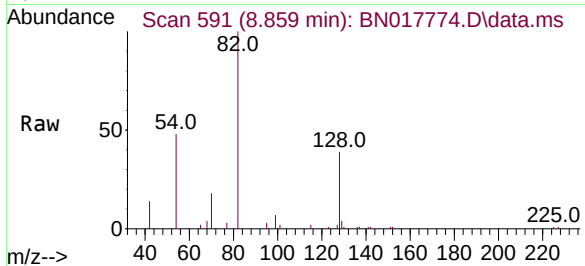




#8
Nitrobenzene-d5
Concen: 0.402 ng
RT: 8.859 min Scan# 591
Delta R.T. -0.000 min
Lab File: BN017774.D
Acq: 07 Dec 2021 21:49

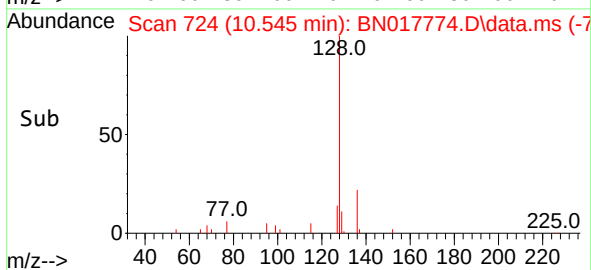
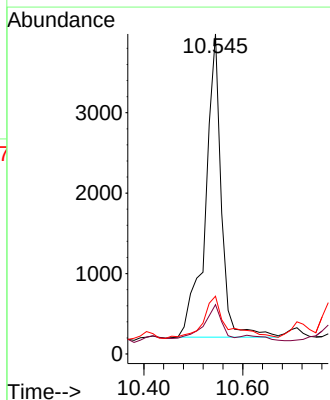
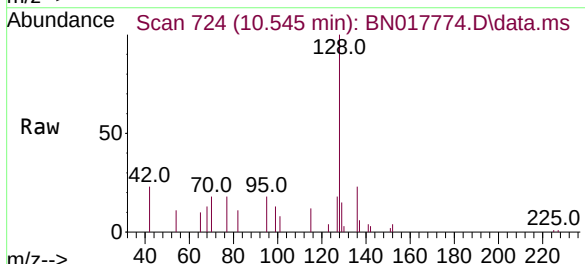
Instrument :
BNA_N
ClientSampleId :
MW-26

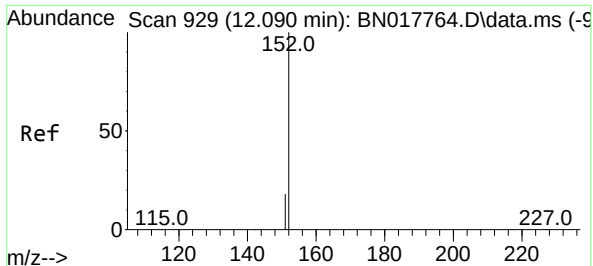
Tgt Ion: 82 Resp: 20171
Ion Ratio Lower Upper
82 100
128 38.8 30.2 45.2
54 48.2 39.0 58.6



#9
Naphthalene
Concen: 0.043 ng
RT: 10.545 min Scan# 724
Delta R.T. -0.000 min
Lab File: BN017774.D
Acq: 07 Dec 2021 21:49

Tgt Ion: 128 Resp: 8412
Ion Ratio Lower Upper
128 100
129 15.4 8.8 13.2#
127 18.0 10.6 15.8#





#11

2-Methylnaphthalene-d10

Concen: 0.360 ng

RT: 12.085 min Scan# 91

Delta R.T. -0.005 min

Lab File: BN017774.D

Acq: 07 Dec 2021 21:49

Instrument :

BNA_N

ClientSampleId :

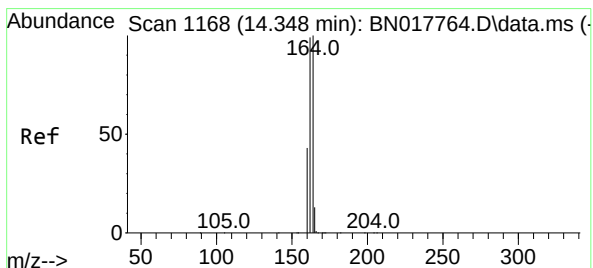
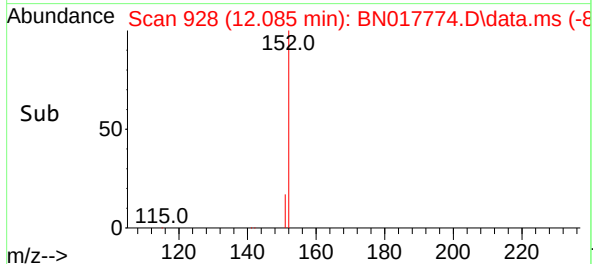
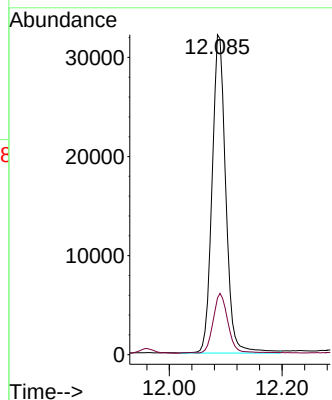
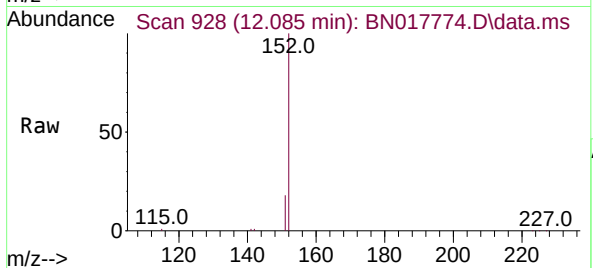
MW-26

Tgt Ion:152 Resp: 54123

Ion Ratio Lower Upper

152 100

151 19.9 16.4 24.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.335 min Scan# 1167

Delta R.T. -0.013 min

Lab File: BN017774.D

Acq: 07 Dec 2021 21:49

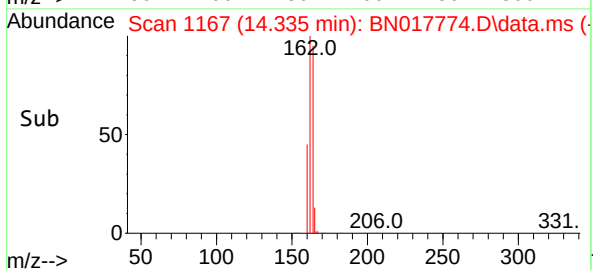
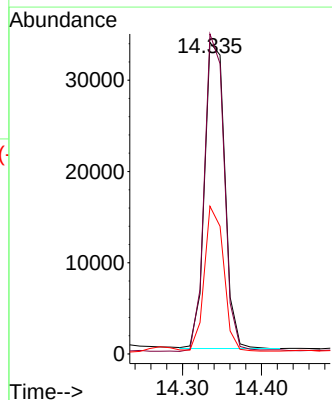
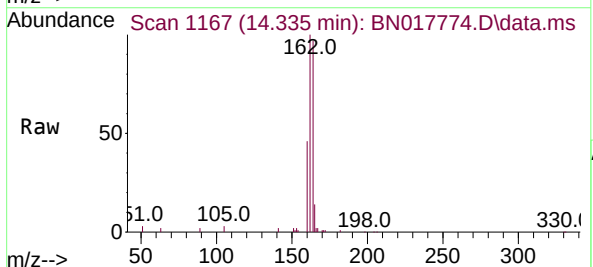
Tgt Ion:164 Resp: 59664

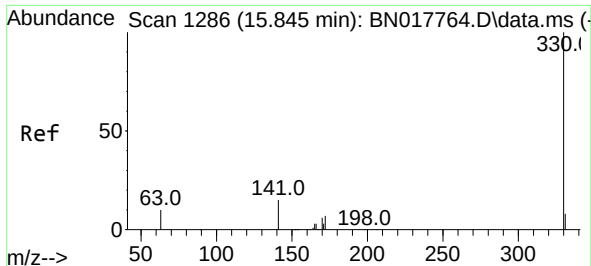
Ion Ratio Lower Upper

164 100

162 102.7 79.0 118.6

160 47.4 34.6 52.0

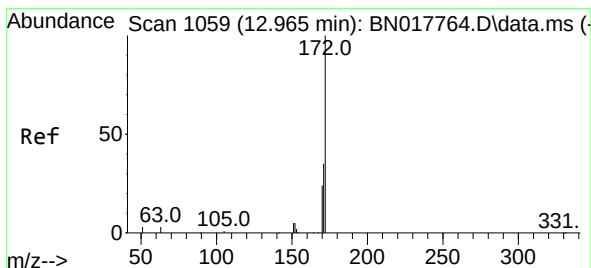
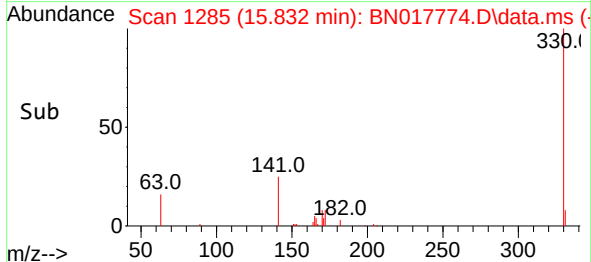
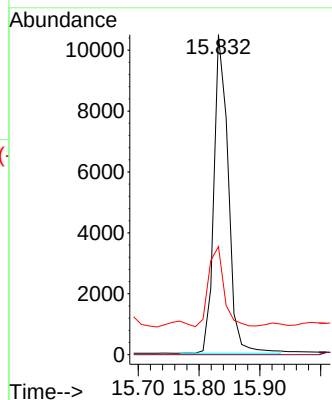
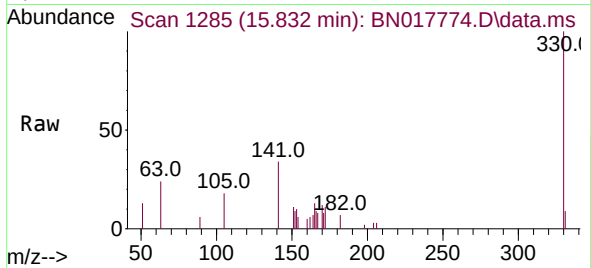




#14
2,4,6-Tribromophenol
Concen: 0.550 ng
RT: 15.832 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN017774.D
Acq: 07 Dec 2021 21:49

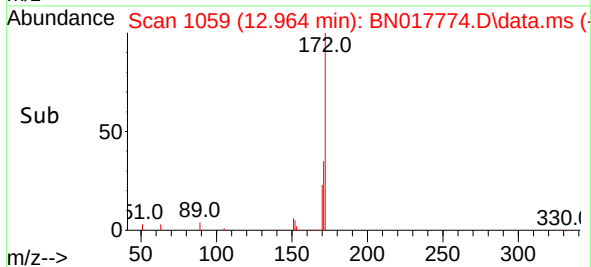
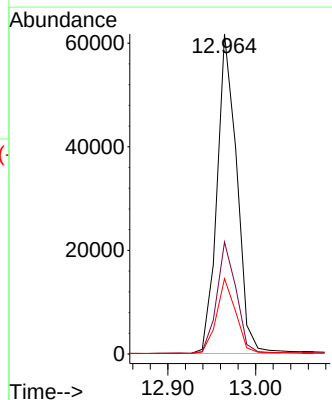
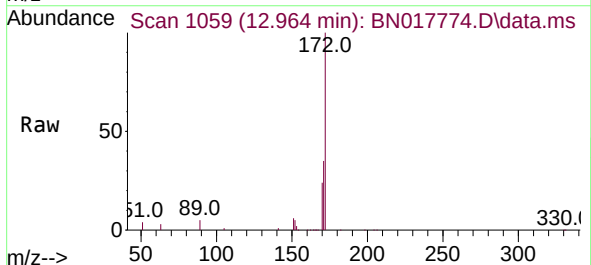
Instrument :
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ClientSampleId :
MW-26

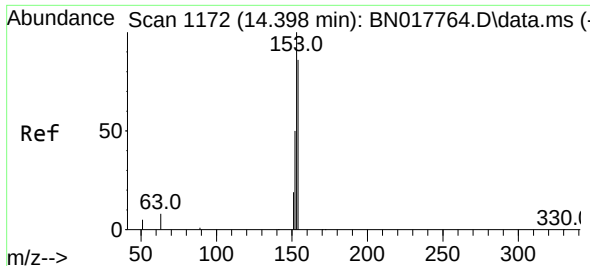
Tgt Ion:330 Resp: 17148
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 27.0 21.5 32.3



#15
2-Fluorobiphenyl
Concen: 0.443 ng
RT: 12.964 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BN017774.D
Acq: 07 Dec 2021 21:49

Tgt Ion:172 Resp: 96760
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.6 18.9 28.3

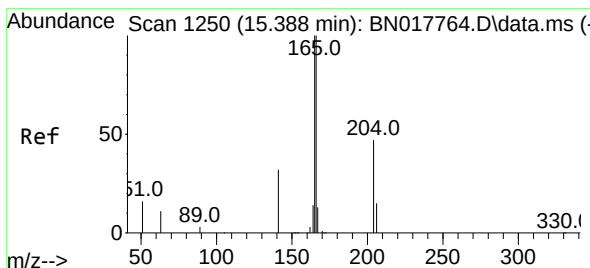
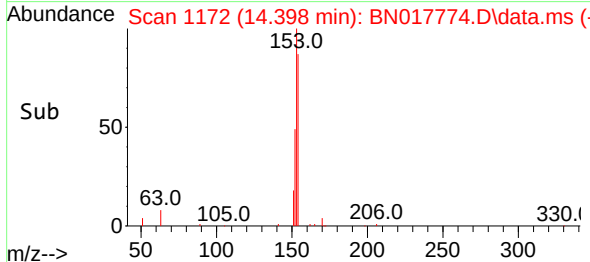
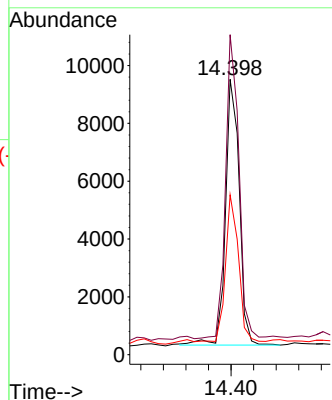
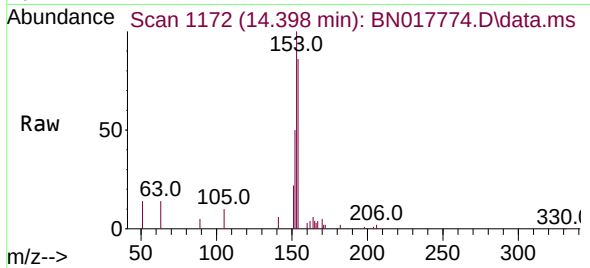




#17
Acenaphthene
Concen: 0.100 ng
RT: 14.398 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BN017774.D
Acq: 07 Dec 2021 21:49

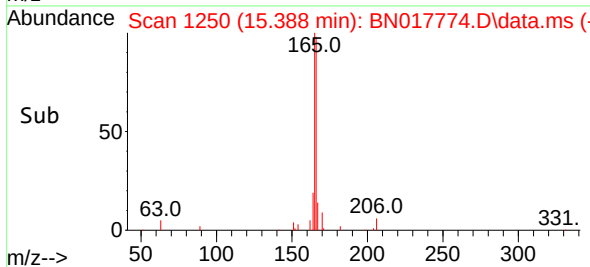
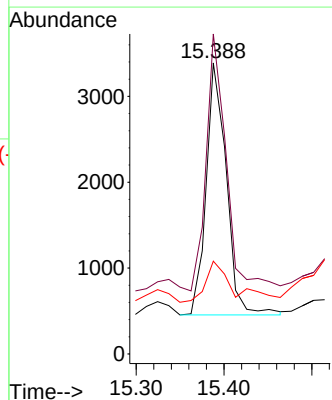
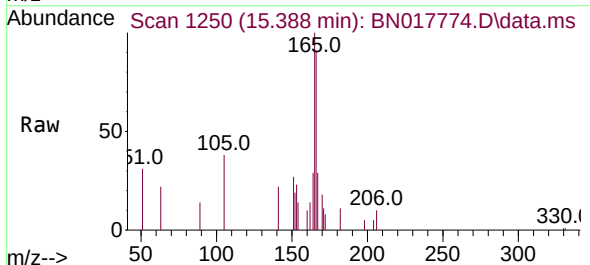
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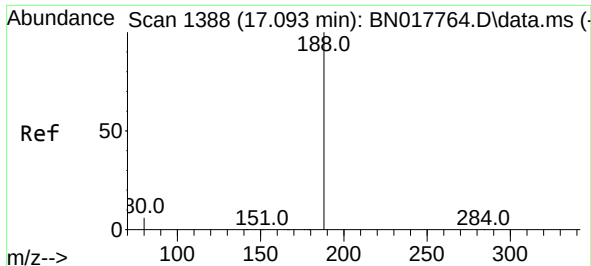
Tgt Ion:154 Resp: 15543
Ion Ratio Lower Upper
154 100
153 110.9 90.1 135.1
152 51.3 43.7 65.5



#18
Fluorene
Concen: 0.024 ng
RT: 15.388 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BN017774.D
Acq: 07 Dec 2021 21:49

Tgt Ion:166 Resp: 4689
Ion Ratio Lower Upper
166 100
165 98.3 77.8 116.8
167 23.1 11.0 16.4#

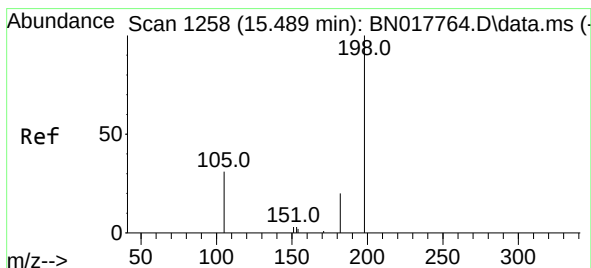
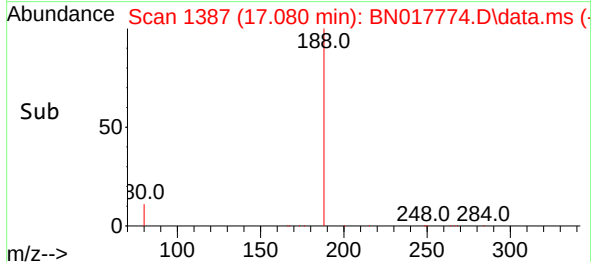
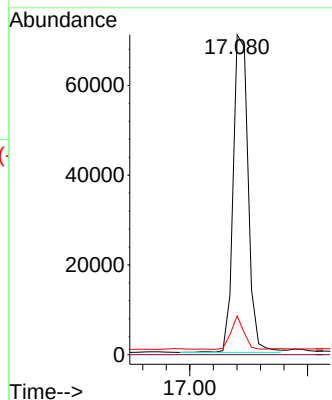
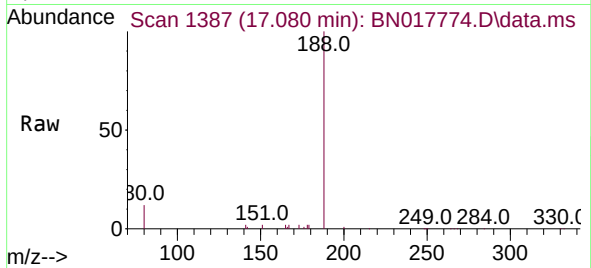




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN017774.D
Acq: 07 Dec 2021 21:49

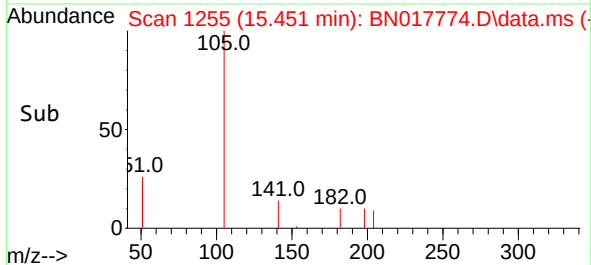
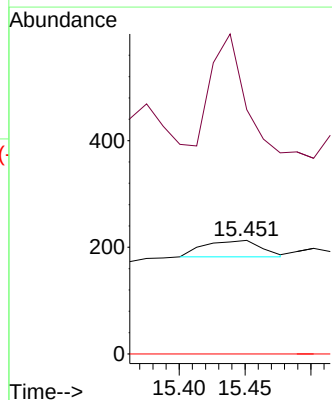
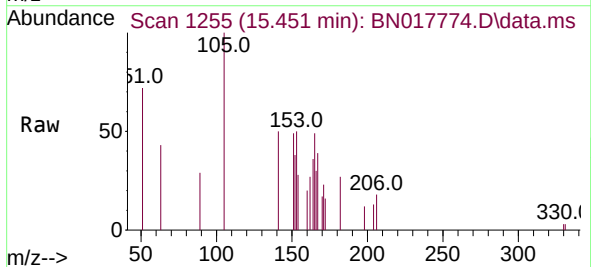
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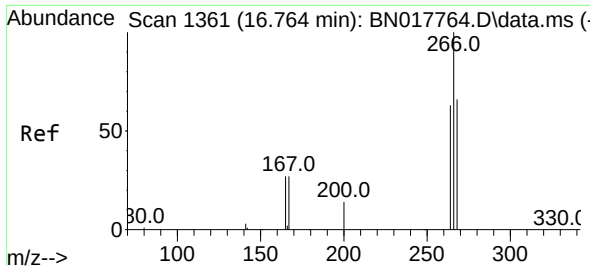
Tgt Ion:188 Resp: 124296
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 5.1 7.7#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.154 ng
RT: 15.451 min Scan# 1255
Delta R.T. -0.038 min
Lab File: BN017774.D
Acq: 07 Dec 2021 21:49

Tgt Ion:198 Resp: 93
Ion Ratio Lower Upper
198 100
182 215.0 44.2 66.2#
77 0.0 0.0 0.0

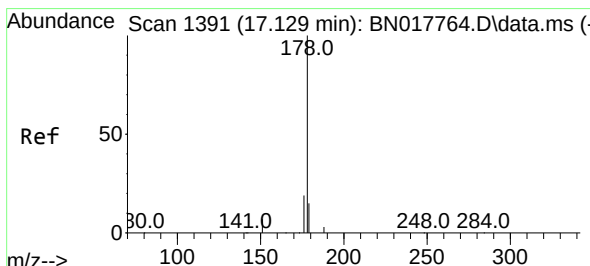
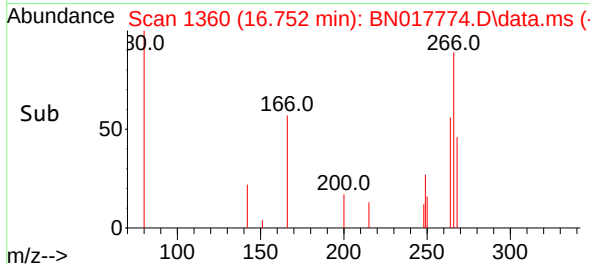
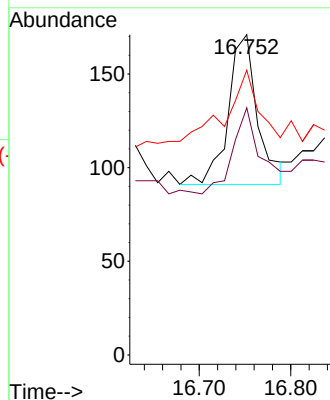
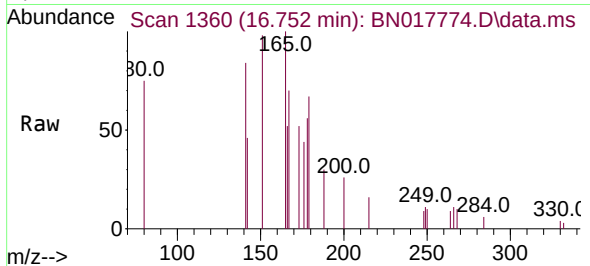




#24
 Pentachlorophenol
 Concen: 0.285 ng
 RT: 16.752 min Scan# 1360
 Delta R.T. -0.012 min
 Lab File: BN017774.D
 Acq: 07 Dec 2021 21:49

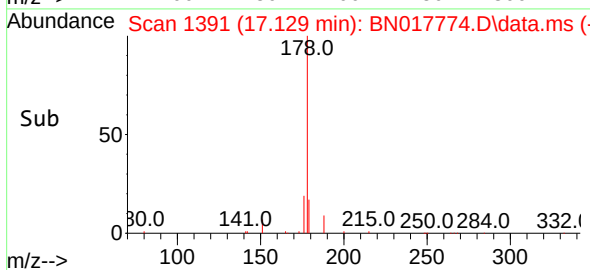
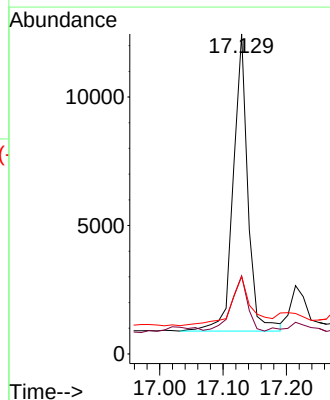
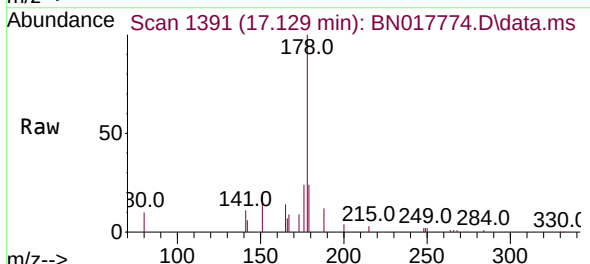
Instrument :
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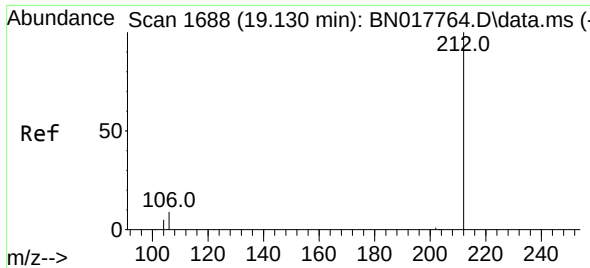
Tgt Ion:266 Resp: 180
 Ion Ratio Lower Upper
 266 100
 264 52.2 50.8 76.2
 268 50.0 51.8 77.6#



#25
 Phenanthrene
 Concen: 0.057 ng
 RT: 17.129 min Scan# 1391
 Delta R.T. -0.000 min
 Lab File: BN017774.D
 Acq: 07 Dec 2021 21:49

Tgt Ion:178 Resp: 18493
 Ion Ratio Lower Upper
 178 100
 176 22.0 15.0 22.6
 179 22.7 12.5 18.7#

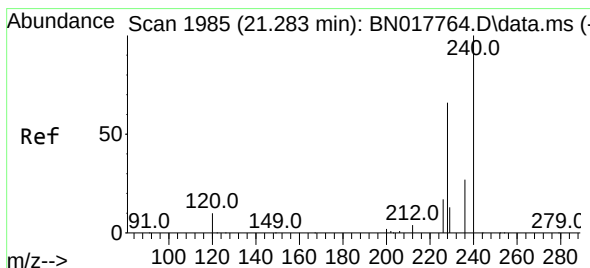
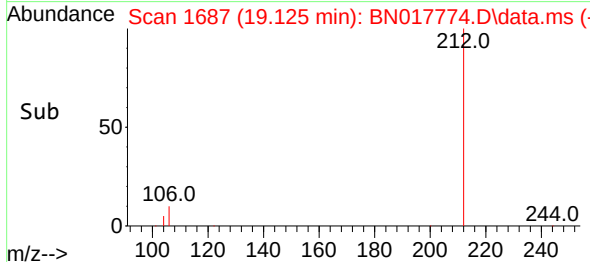
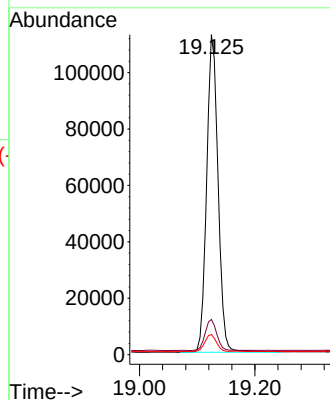
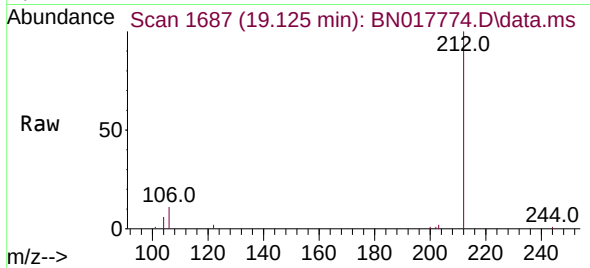




#27
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.125 min Scan# 1687
Delta R.T. -0.005 min
Lab File: BN017774.D
Acq: 07 Dec 2021 21:49

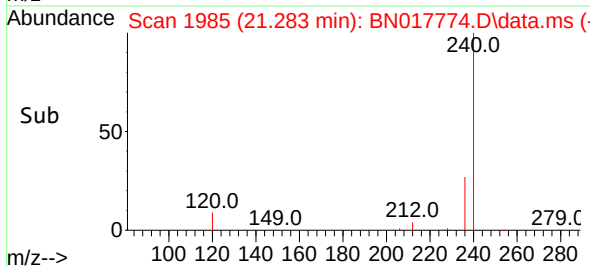
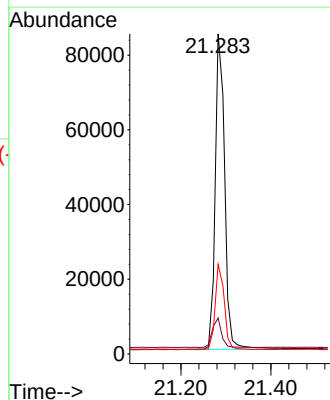
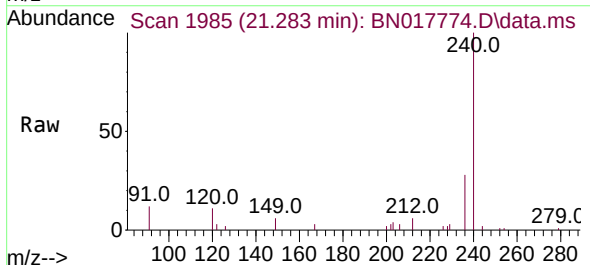
Instrument :
BNA_N
ClientSampleId :
MW-26

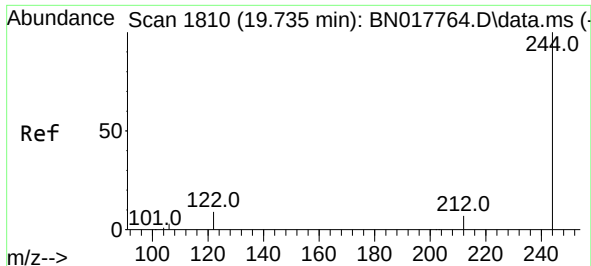
Tgt Ion:212 Resp: 154084
Ion Ratio Lower Upper
212 100
106 9.9 8.2 12.2
104 5.6 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.283 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BN017774.D
Acq: 07 Dec 2021 21:49

Tgt Ion:240 Resp: 122849
Ion Ratio Lower Upper
240 100
120 11.2 7.9 11.9
236 28.0 21.4 32.2

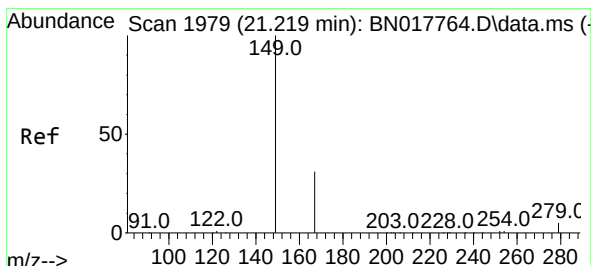
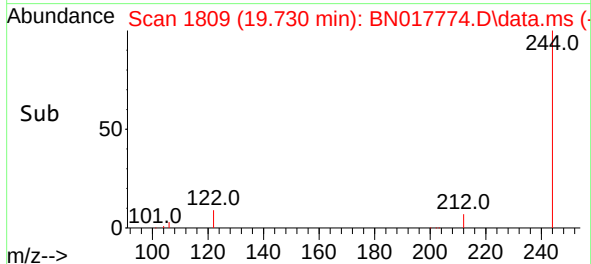
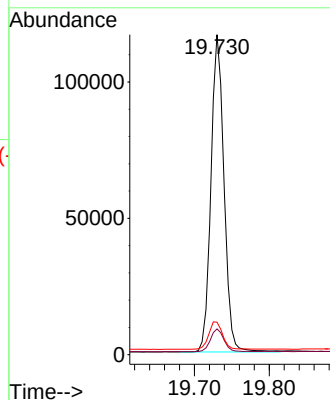
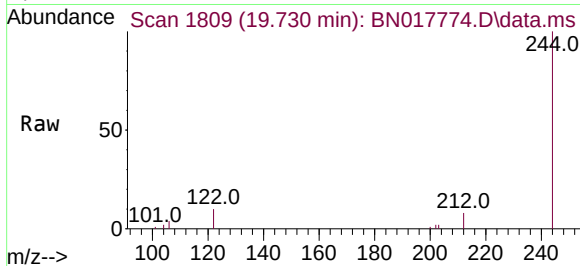




#31
 Terphenyl-d14
 Concen: 0.536 ng
 RT: 19.730 min Scan# 1810
 Delta R.T. -0.005 min
 Lab File: BN017774.D
 Acq: 07 Dec 2021 21:49

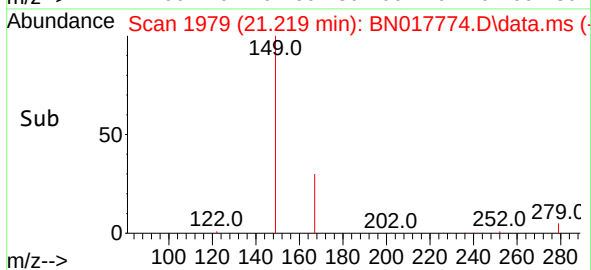
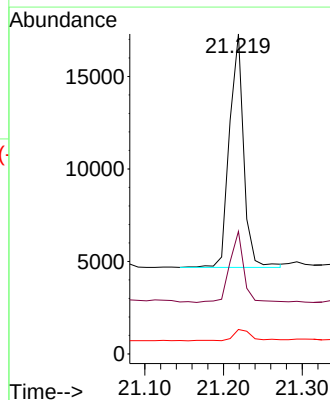
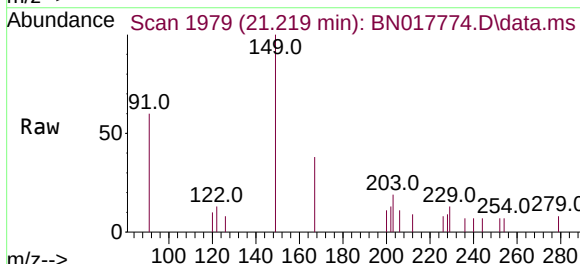
Instrument :
 BNA_N
 ClientSampleId :
 MW-26

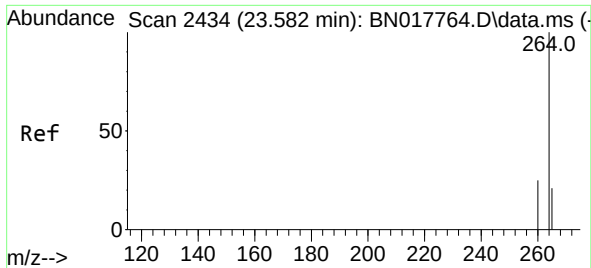
Tgt Ion:244 Resp: 141337
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.8 8.8
 122 10.2 7.1 10.7



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.092 ng
 RT: 21.219 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: BN017774.D
 Acq: 07 Dec 2021 21:49

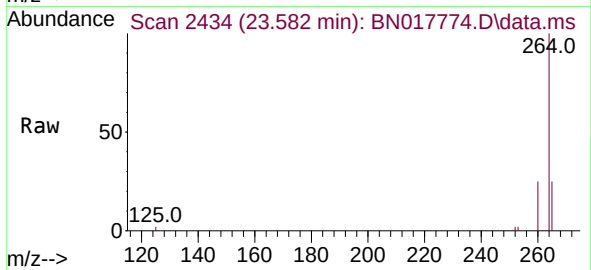
Tgt Ion:149 Resp: 15791
 Ion Ratio Lower Upper
 149 100
 167 30.1 23.5 35.3
 279 6.7 3.8 5.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.582 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BN017774.D
 Acq: 07 Dec 2021 21:49

Instrument :
 BNA_N
 ClientSampleId :
 MW-26



Tgt Ion:264 Resp: 115894

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	25.2	20.5	30.7

