

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017785.D
 Acq On : 08 Dec 2021 05:34
 Operator : CG/JU
 Sample : M4918-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-45A

Quant Time: Dec 08 07:35:41 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)

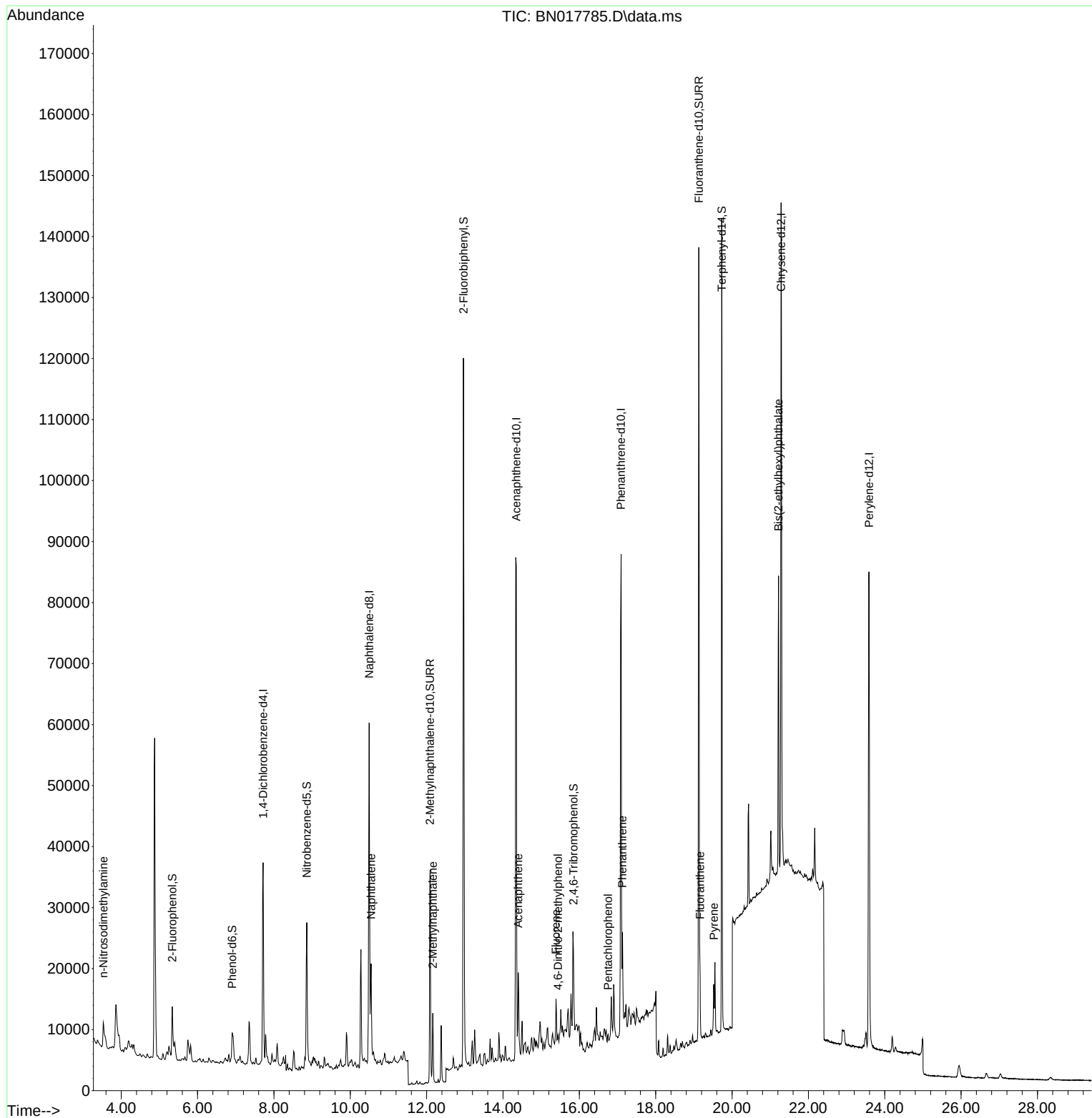
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	19634	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	77842	0.400	ng	0.00
13) Acenaphthene-d10	14.348	164	58294	0.400	ng	0.00
19) Phenanthrene-d10	17.093	188	121313	0.400	ng	0.00
29) Chrysene-d12	21.283	240	116550	0.400	ng	0.00
35) Perylene-d12	23.586	264	109566	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	9461	0.199	ng	0.00
5) Phenol-d6	6.904	99	4988	0.111	ng	0.00
8) Nitrobenzene-d5	8.859	82	22734	0.439	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	51700	0.333	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	16686	0.548	ng	0.00
15) 2-Fluorobiphenyl	12.965	172	104902	0.491	ng	0.00
27) Fluoranthene-d10	19.130	212	155838	0.384	ng	0.00
31) Terphenyl-d14	19.730	244	136310	0.545	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.529	42	1638	0.081	ng	# 1
9) Naphthalene	10.545	128	20166	0.099	ng	97
12) 2-Methylnaphthalene	12.161	142	8257	0.056	ng	97
17) Acenaphthene	14.398	154	7035	0.046	ng	99
18) Fluorene	15.388	166	4505	0.023	ng	# 91
20) 4,6-Dinitro-2-methylph...	15.439	198	124	0.178	ng	# 1
24) Pentachlorophenol	16.752	266	167	0.285	ng	89
25) Phenanthrene	17.129	178	17751	0.056	ng	96
28) Fluoranthene	19.160	202	9272	0.024	ng	98
30) Pyrene	19.522	202	8194	0.022	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.219	149	48192	0.296	ng	99

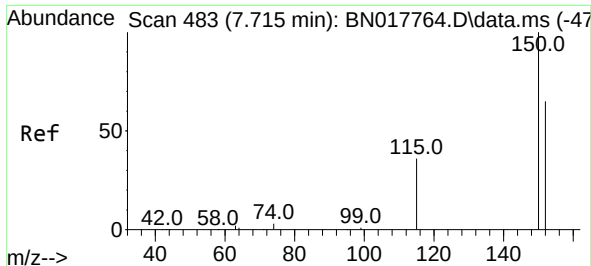
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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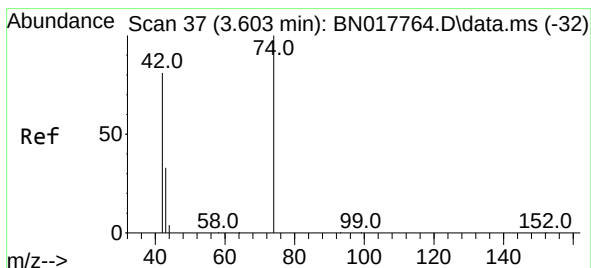
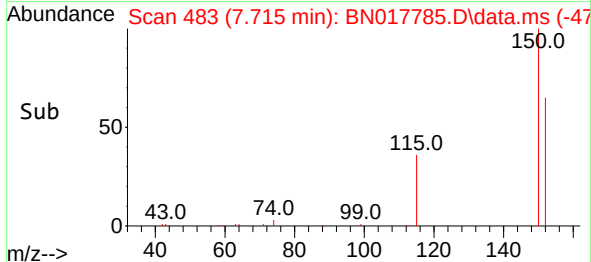
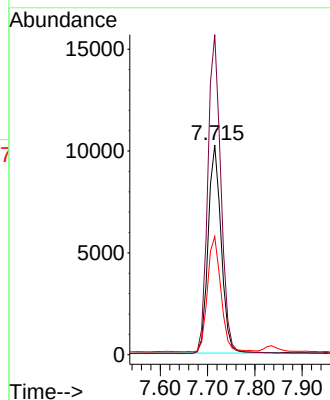
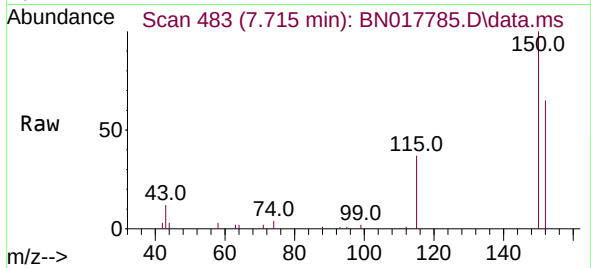




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

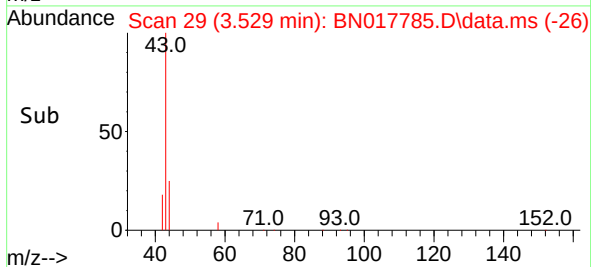
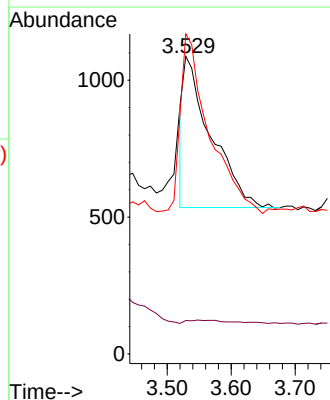
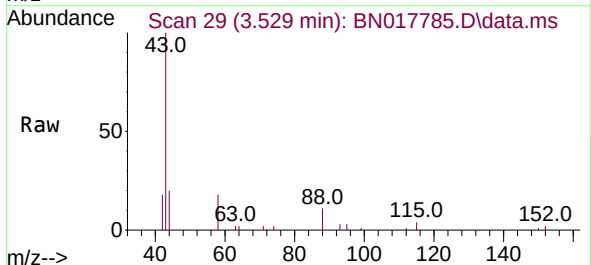
Instrument :
BNA_N
ClientSampleId :
MW-45A

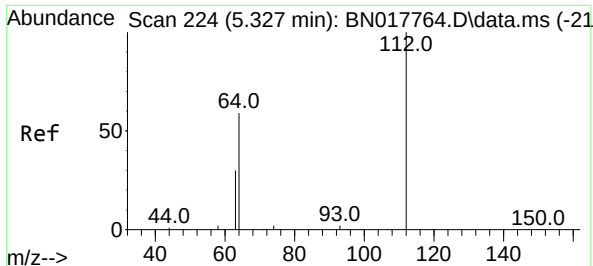
Tgt Ion:152 Resp: 19634
Ion Ratio Lower Upper
152 100
150 152.7 123.0 184.4
115 56.3 45.3 67.9



#3
n-Nitrosodimethylamine
Concen: 0.081 ng
RT: 3.529 min Scan# 29
Delta R.T. -0.074 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

Tgt Ion: 42 Resp: 1638
Ion Ratio Lower Upper
42 100
74 3.3 101.3 151.9#
44 111.6 5.0 7.4#

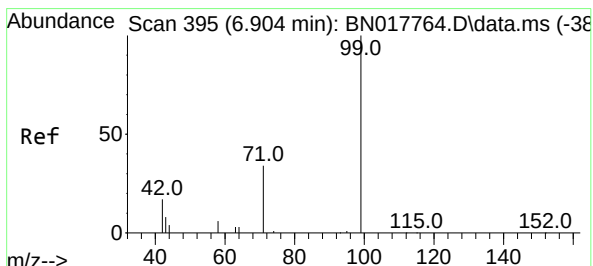
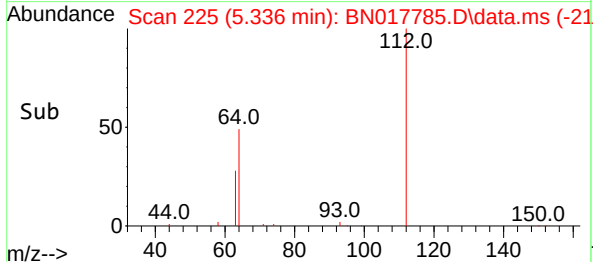
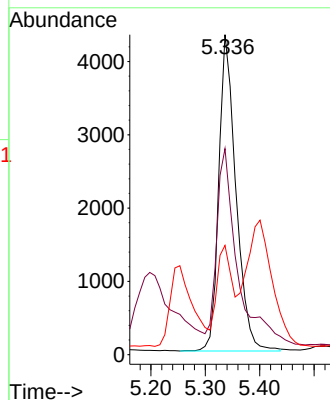
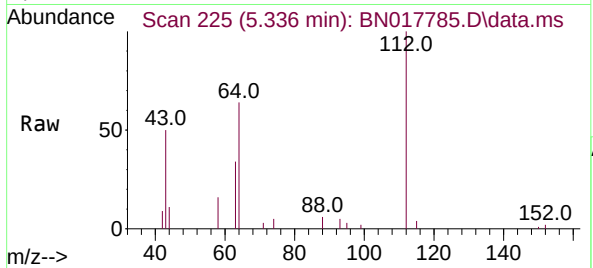




#4
2-Fluorophenol
Concen: 0.199 ng
RT: 5.336 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

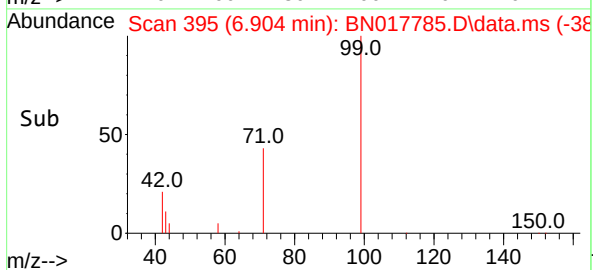
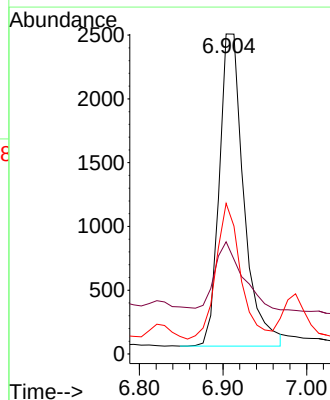
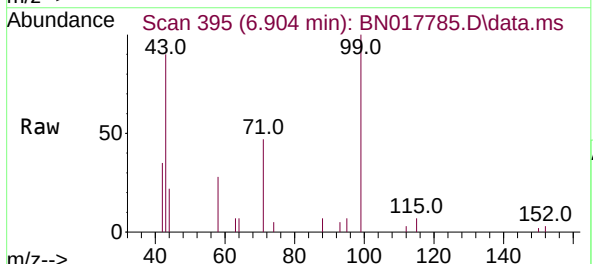
Instrument :
BNA_N
ClientSampleId :
MW-45A

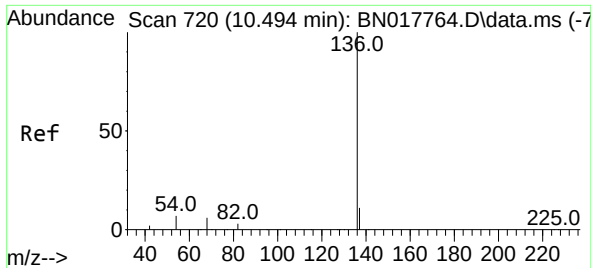
Tgt Ion:112 Resp: 9461
Ion Ratio Lower Upper
112 100
64 63.7 49.3 73.9
63 22.2 25.8 38.8#



#5
Phenol-d6
Concen: 0.111 ng
RT: 6.904 min Scan# 395
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

Tgt Ion: 99 Resp: 4988
Ion Ratio Lower Upper
99 100
42 24.4 16.6 25.0
71 43.9 29.0 43.4#

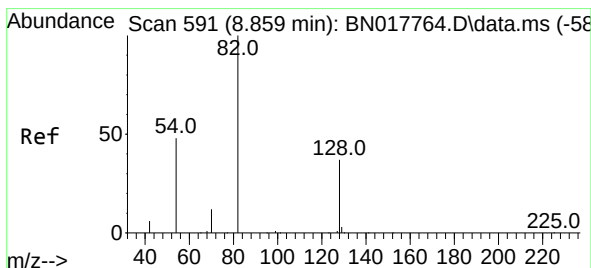
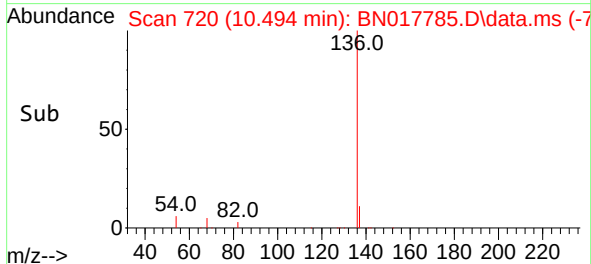
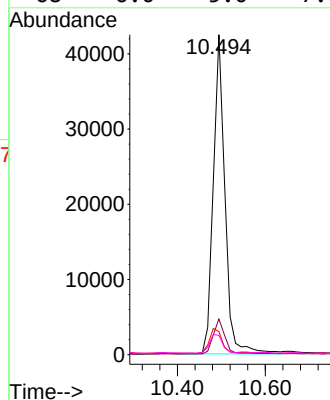
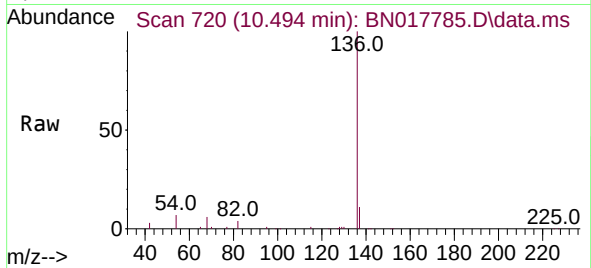




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 720
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

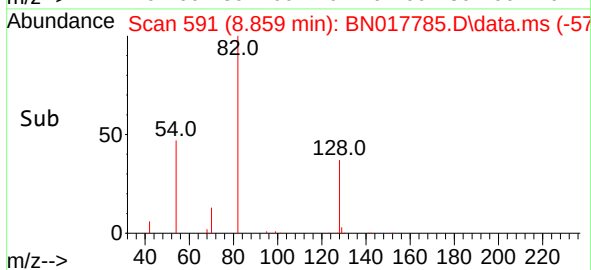
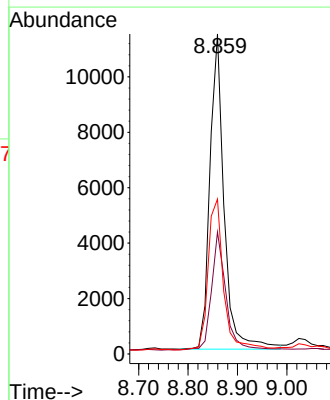
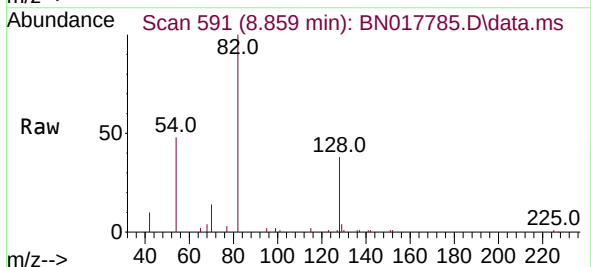
Instrument :
BNA_N
ClientSampleId :
MW-45A

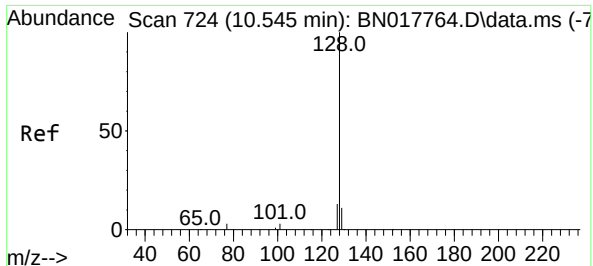
Tgt Ion:	136	Resp:	77842
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	7.2	5.9	8.9
68	6.0	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.439 ng
RT: 8.859 min Scan# 591
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

Tgt Ion:	82	Resp:	22734
Ion Ratio	Lower	Upper	
82	100		
128	38.1	30.2	45.2
54	48.4	39.0	58.6

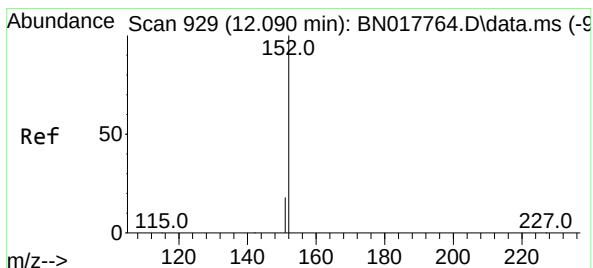
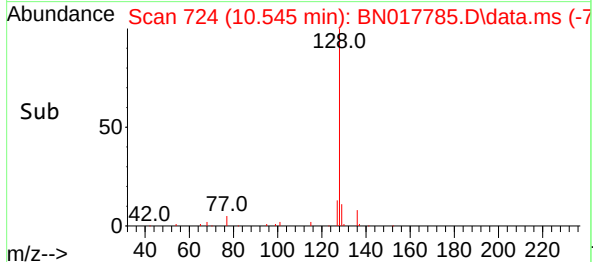
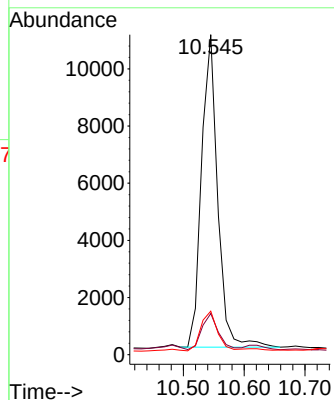
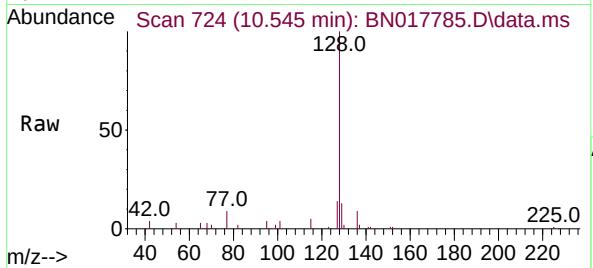




#9
Naphthalene
Concen: 0.099 ng
RT: 10.545 min Scan# 724
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

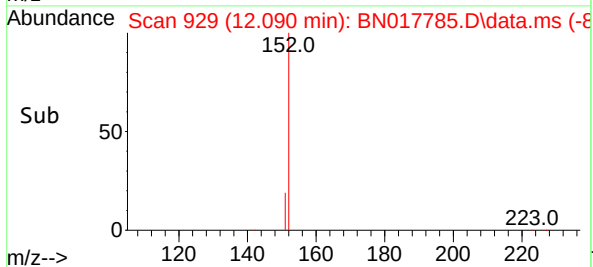
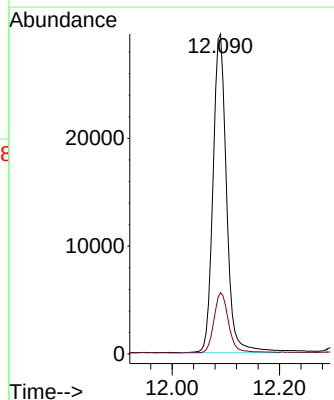
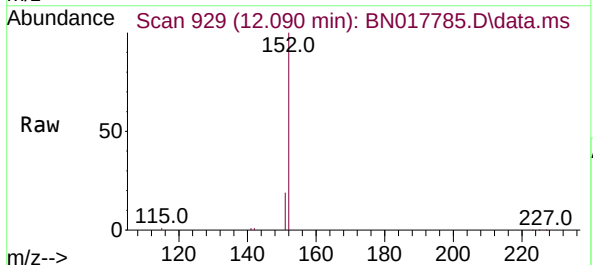
Instrument :
BNA_N
ClientSampleId :
MW-45A

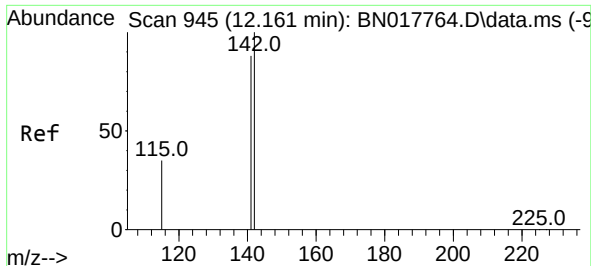
Tgt Ion:128 Resp: 20166
Ion Ratio Lower Upper
128 100
129 12.9 8.8 13.2
127 13.6 10.6 15.8



#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.090 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

Tgt Ion:152 Resp: 51700
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6





#12

2-Methylnaphthalene

Concen: 0.056 ng

RT: 12.161 min Scan# 945

Delta R.T. 0.000 min

Lab File: BN017785.D

Acq: 08 Dec 2021 05:34

Instrument :

BNA_N

ClientSampleId :

MW-45A

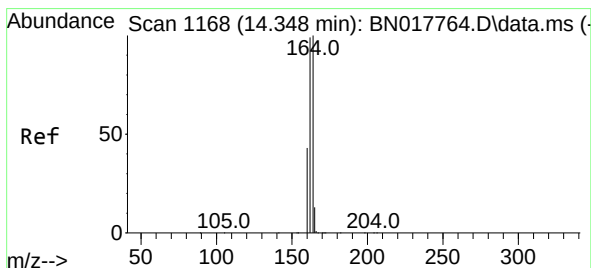
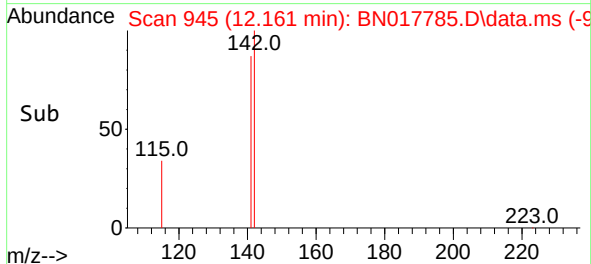
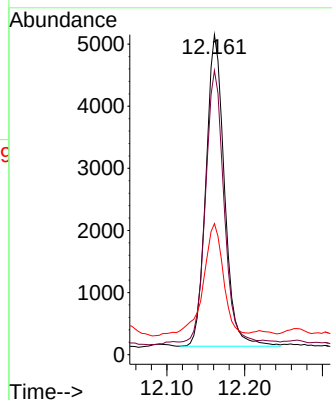
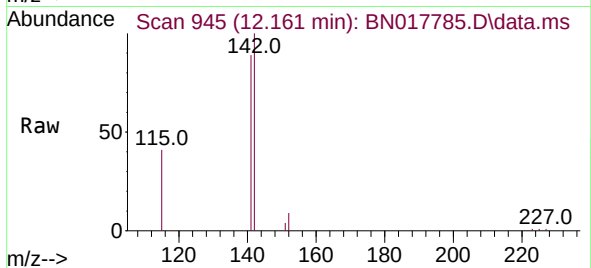
Tgt Ion:142 Resp: 8257

Ion Ratio Lower Upper

142 100

141 88.8 70.5 105.7

115 41.0 28.0 42.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.348 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BN017785.D

Acq: 08 Dec 2021 05:34

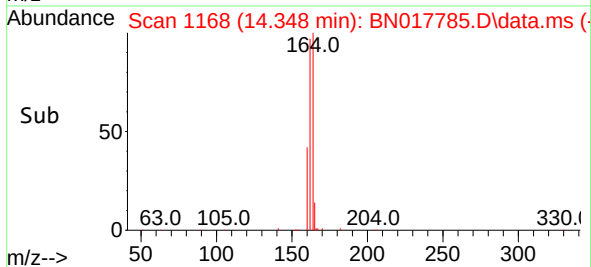
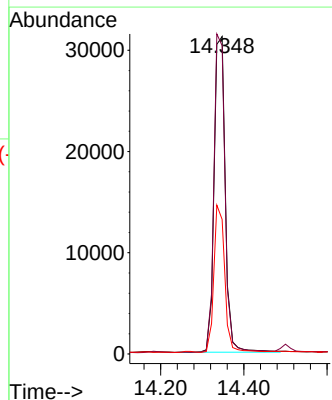
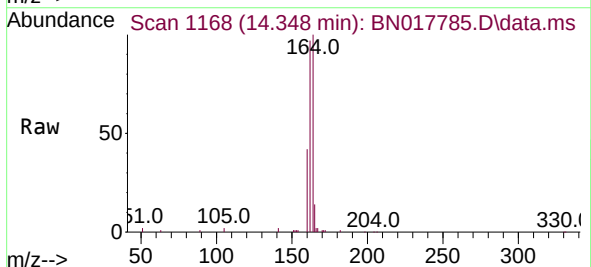
Tgt Ion:164 Resp: 58294

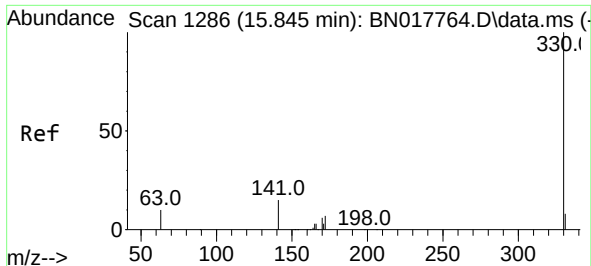
Ion Ratio Lower Upper

164 100

162 97.1 79.0 118.6

160 42.4 34.6 52.0

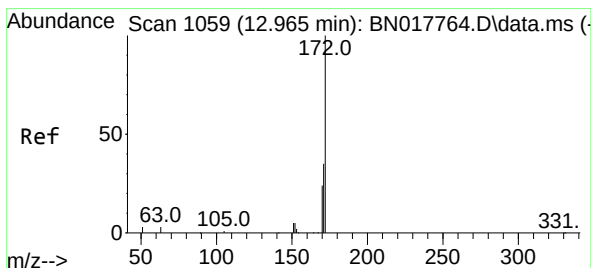
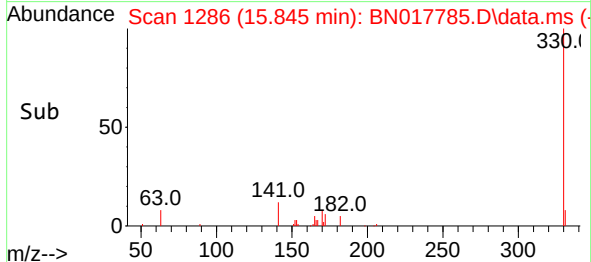
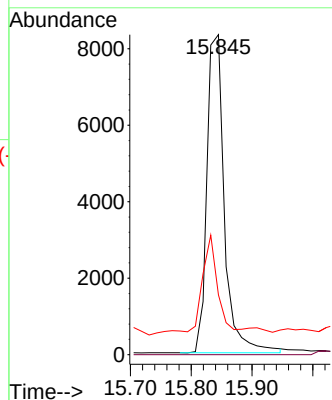
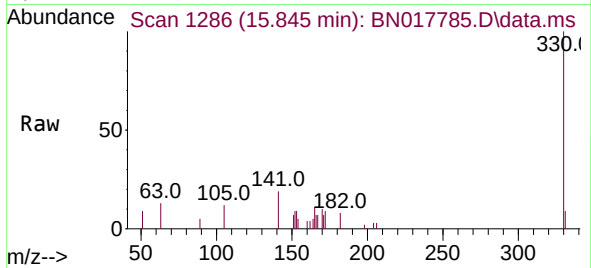




#14
 2,4,6-Tribromophenol
 Concen: 0.548 ng
 RT: 15.845 min Scan# 1286
 Delta R.T. 0.000 min
 Lab File: BN017785.D
 Acq: 08 Dec 2021 05:34

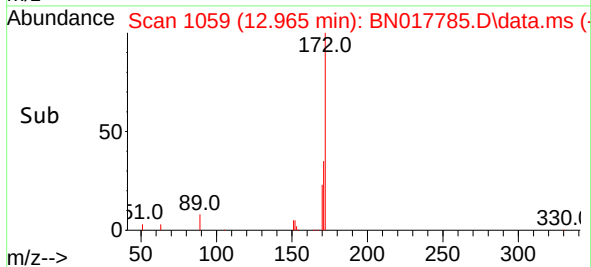
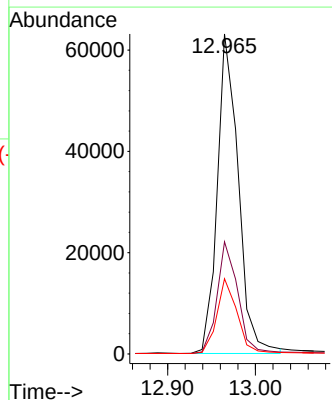
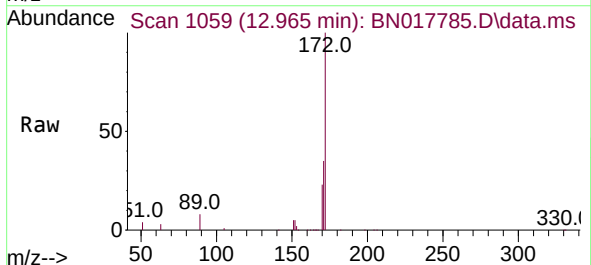
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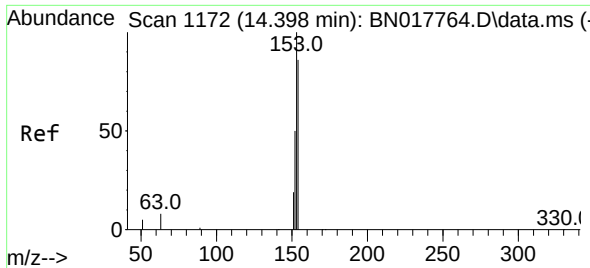
Tgt Ion: 330 Resp: 16686
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 24.8 21.5 32.3



#15
 2-Fluorobiphenyl
 Concen: 0.491 ng
 RT: 12.965 min Scan# 1059
 Delta R.T. 0.000 min
 Lab File: BN017785.D
 Acq: 08 Dec 2021 05:34

Tgt Ion: 172 Resp: 104902
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.1 42.1
 170 23.5 18.9 28.3

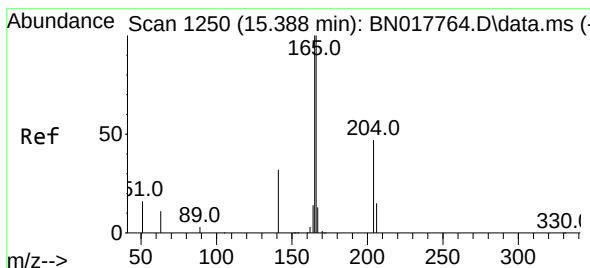
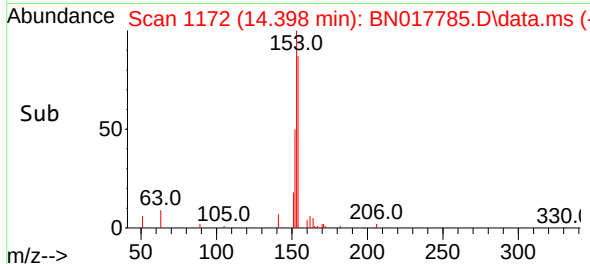
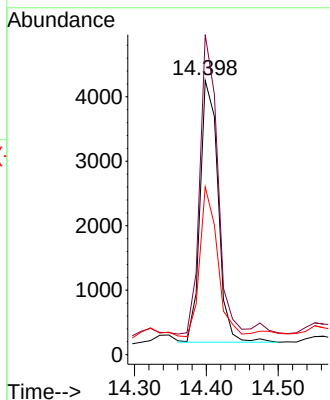
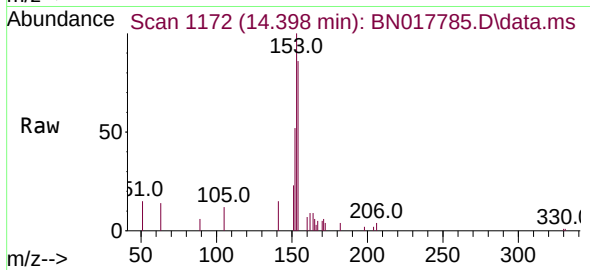




#17
Acenaphthene
Concen: 0.046 ng
RT: 14.398 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

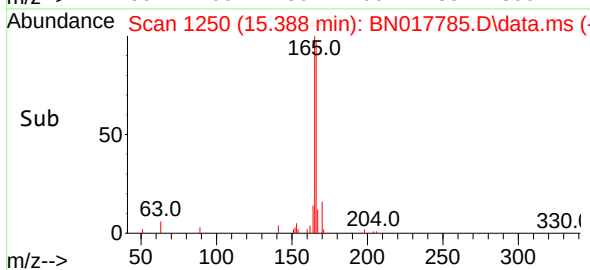
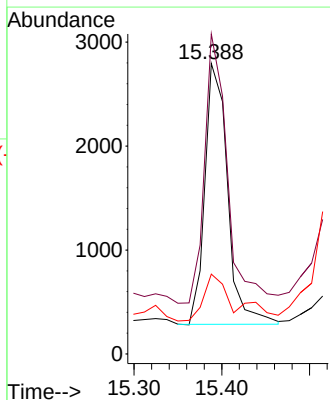
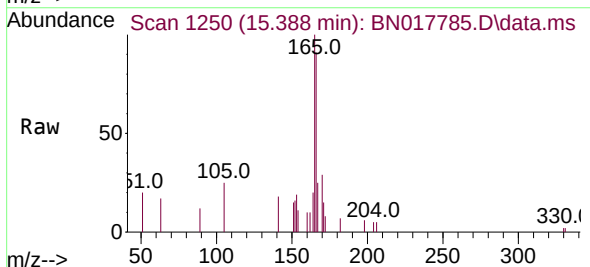
Instrument :
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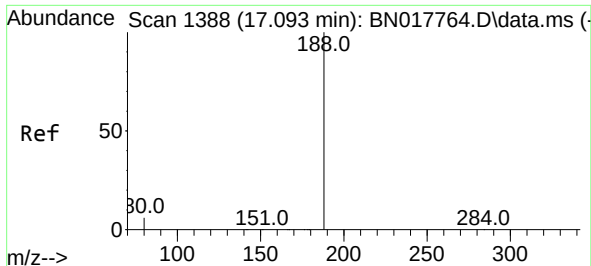
Tgt Ion:154 Resp: 7035
Ion Ratio Lower Upper
154 100
153 113.0 90.1 135.1
152 55.8 43.7 65.5



#18
Fluorene
Concen: 0.023 ng
RT: 15.388 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

Tgt Ion:166 Resp: 4505
Ion Ratio Lower Upper
166 100
165 103.0 77.8 116.8
167 25.6 11.0 16.4#

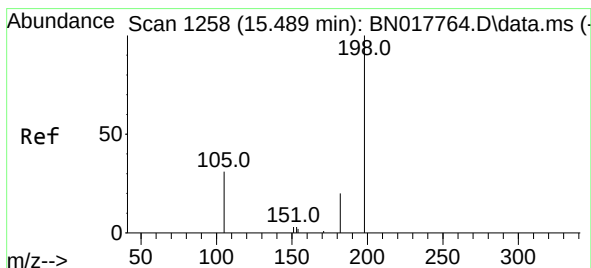
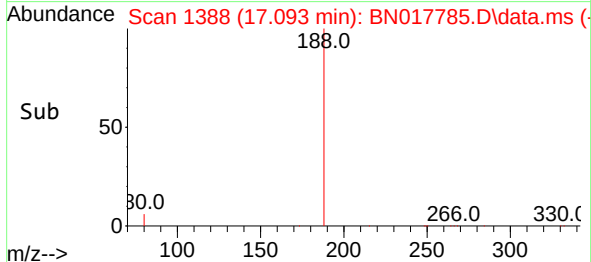
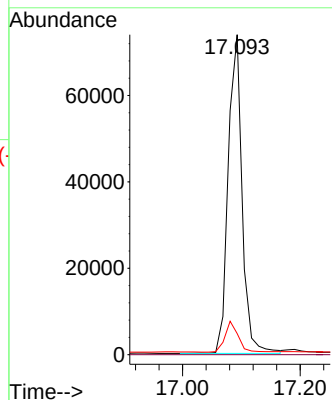
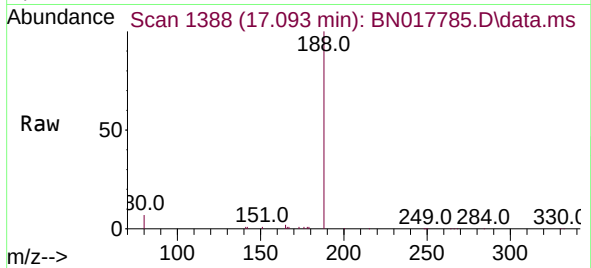




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

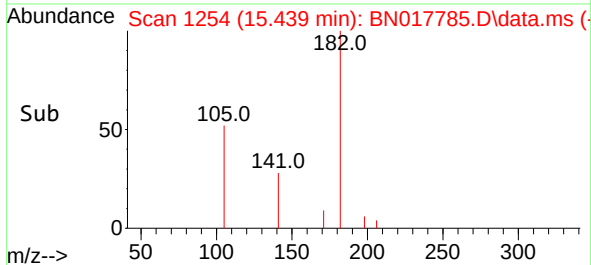
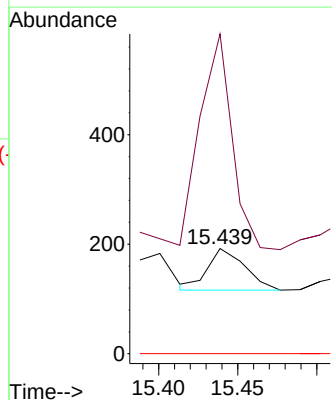
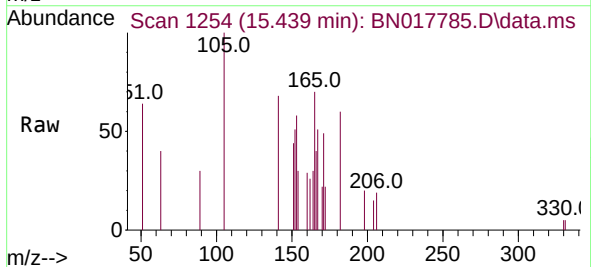
Instrument :
BNA_N
ClientSampleId :
MW-45A

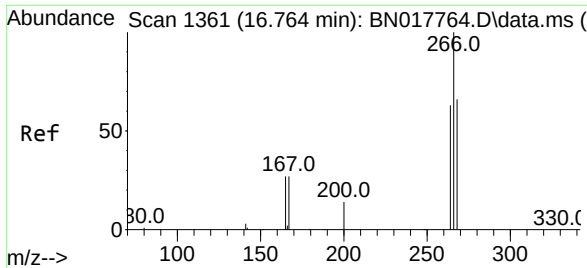
Tgt Ion:188 Resp: 121313
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 5.1 7.7



#20
4,6-Dinitro-2-methylphenol
Concen: 0.178 ng
RT: 15.439 min Scan# 1254
Delta R.T. -0.050 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

Tgt Ion:198 Resp: 124
Ion Ratio Lower Upper
198 100
182 304.2 44.2 66.2#
77 0.0 0.0 0.0

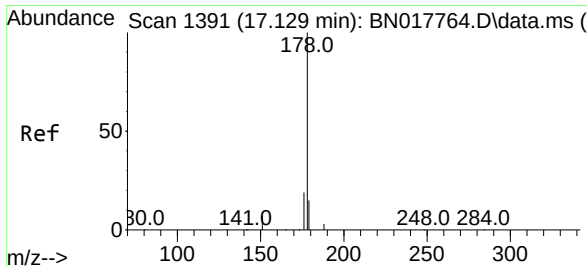
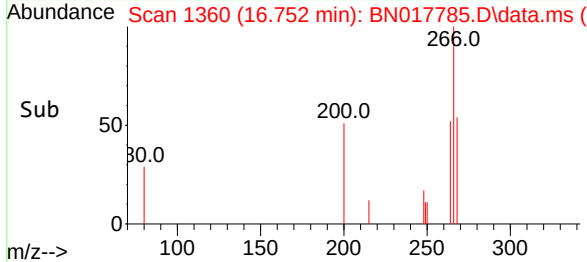
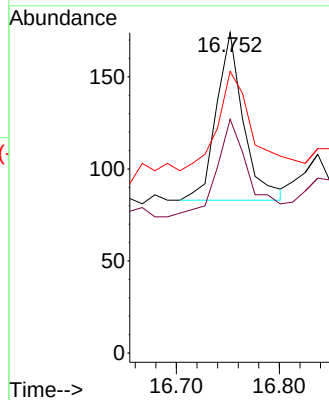
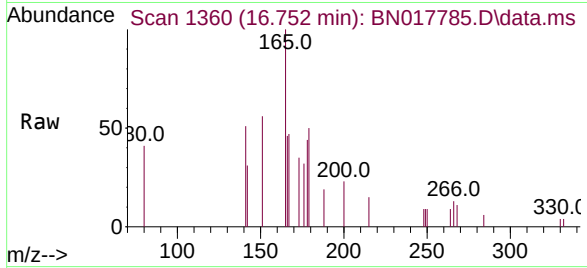




#24
 Pentachlorophenol
 Concen: 0.285 ng
 RT: 16.752 min Scan# 1360
 Delta R.T. -0.012 min
 Lab File: BN017785.D
 Acq: 08 Dec 2021 05:34

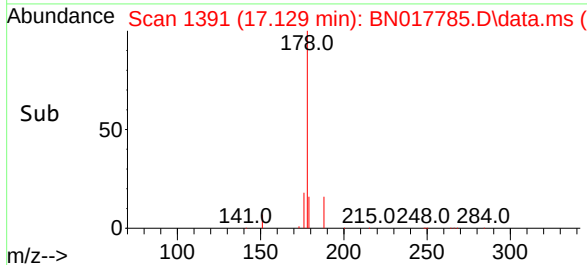
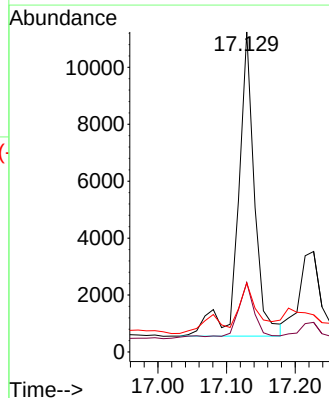
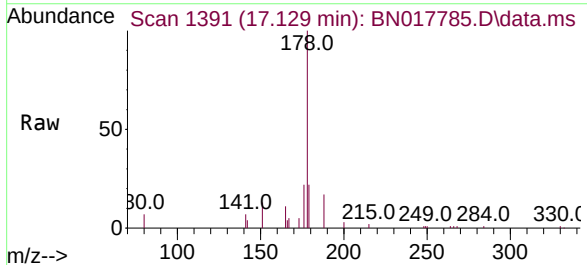
Instrument :
 BNA_N
 ClientSampleId :
 MW-45A

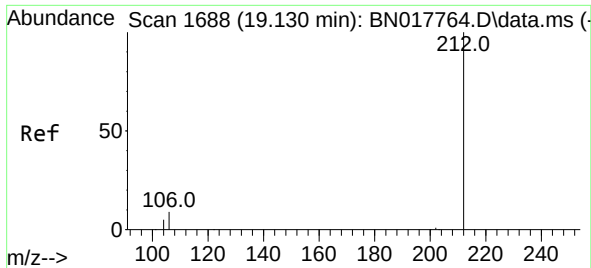
Tgt Ion:266	Resp:	167
Ion Ratio	Lower	Upper
266	100	
264	68.9	50.8 76.2
268	76.6	51.8 77.6



#25
 Phenanthrene
 Concen: 0.056 ng
 RT: 17.129 min Scan# 1391
 Delta R.T. 0.000 min
 Lab File: BN017785.D
 Acq: 08 Dec 2021 05:34

Tgt Ion:178	Resp:	17751
Ion Ratio	Lower	Upper
178	100	
176	17.4	15.0 22.6
179	13.8	12.5 18.7

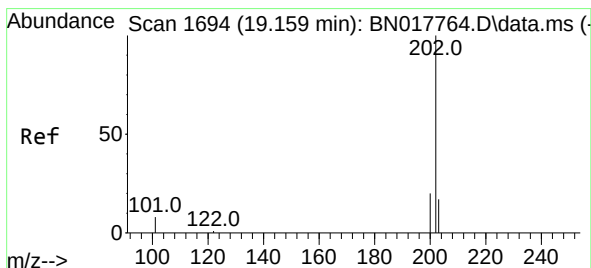
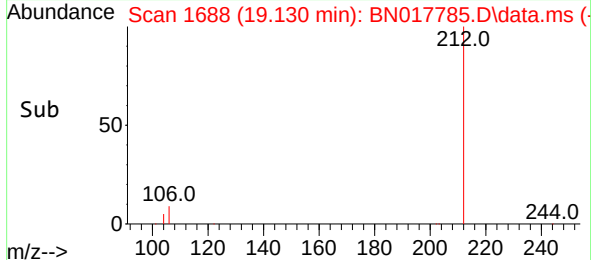
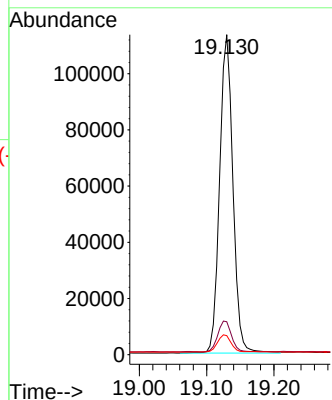
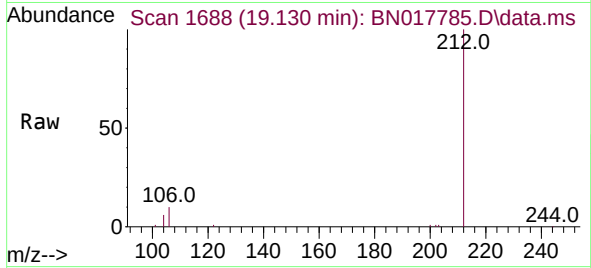




#27
Fluoranthene-d10
Concen: 0.384 ng
RT: 19.130 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

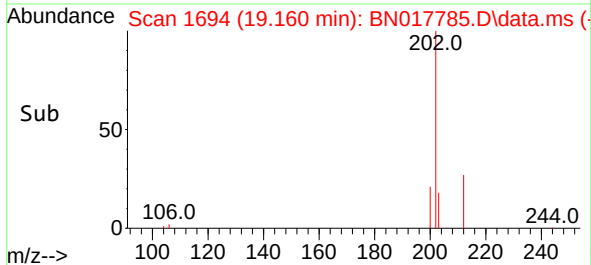
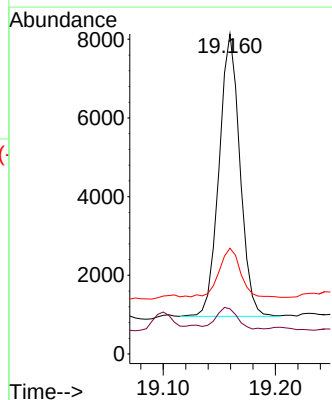
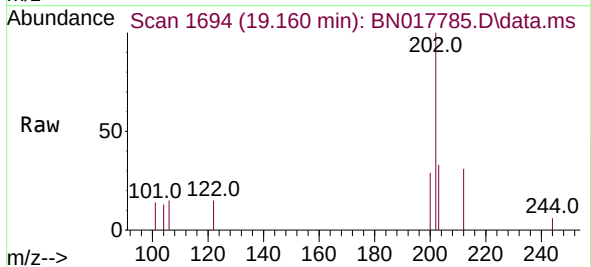
Instrument :
BNA_N
ClientSampleId :
MW-45A

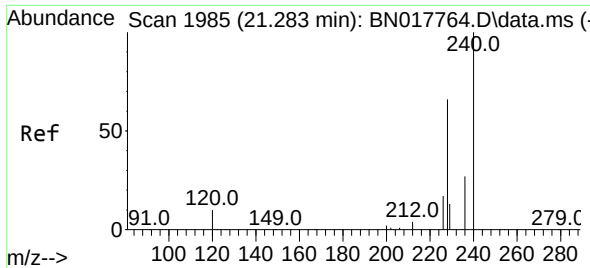
Tgt Ion:212 Resp: 155838
Ion Ratio Lower Upper
212 100
106 9.9 8.2 12.2
104 5.6 4.6 6.8



#28
Fluoranthene
Concen: 0.024 ng
RT: 19.160 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

Tgt Ion:202 Resp: 9272
Ion Ratio Lower Upper
202 100
101 7.6 7.2 10.8
203 17.7 13.7 20.5

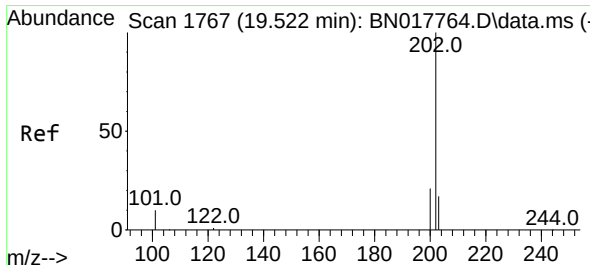
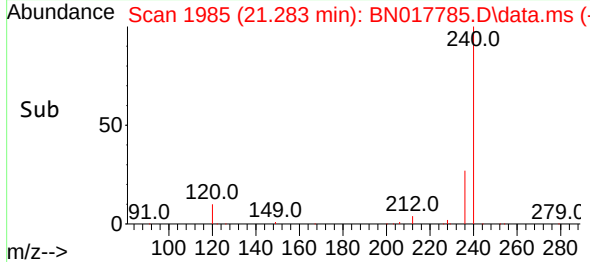
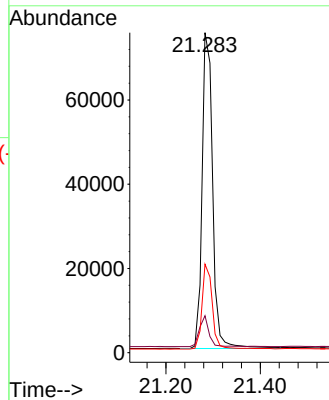
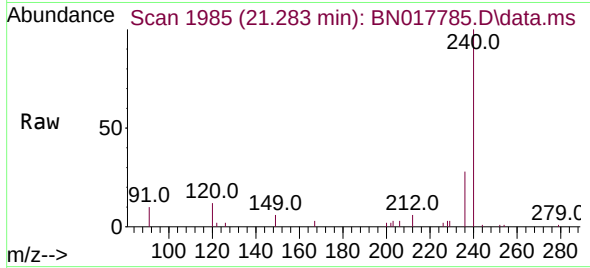




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.283 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

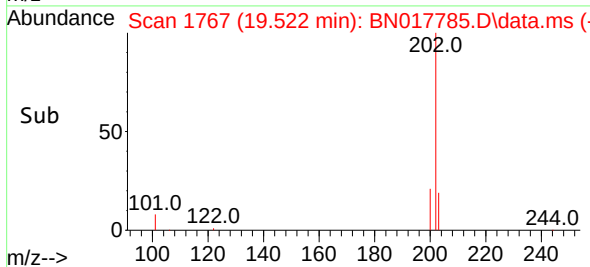
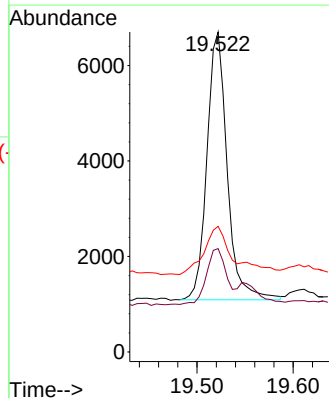
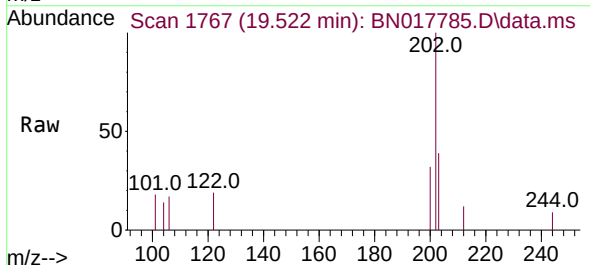
Instrument :
BNA_N
ClientSampleId :
MW-45A

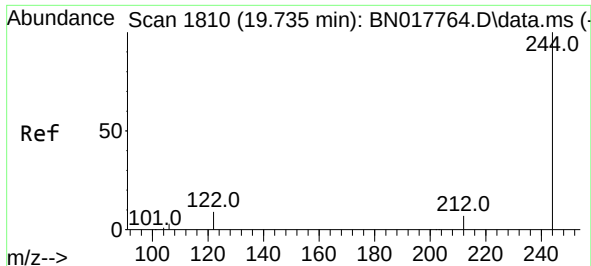
Tgt Ion:240 Resp: 116550
Ion Ratio Lower Upper
240 100
120 11.5 7.9 11.9
236 27.7 21.4 32.2



#30
Pyrene
Concen: 0.022 ng
RT: 19.522 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

Tgt Ion:202 Resp: 8194
Ion Ratio Lower Upper
202 100
200 21.2 16.5 24.7
203 26.1 14.0 21.0#

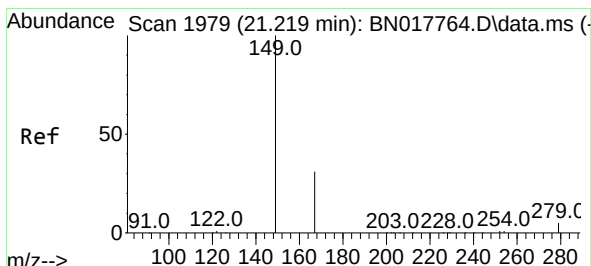
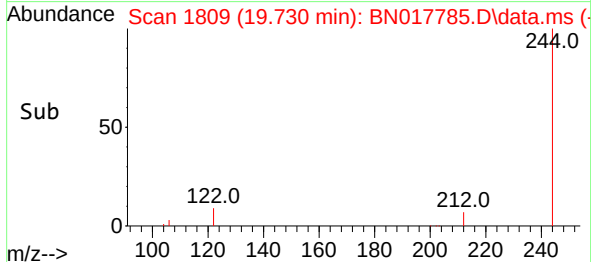
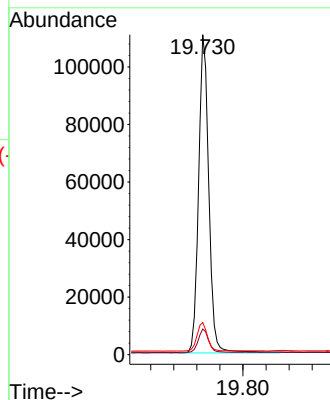
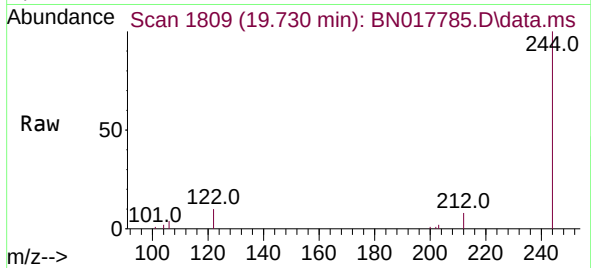




#31
 Terphenyl-d14
 Concen: 0.545 ng
 RT: 19.730 min Scan# 1810
 Delta R.T. -0.005 min
 Lab File: BN017785.D
 Acq: 08 Dec 2021 05:34

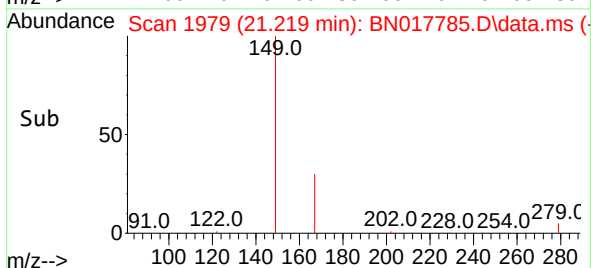
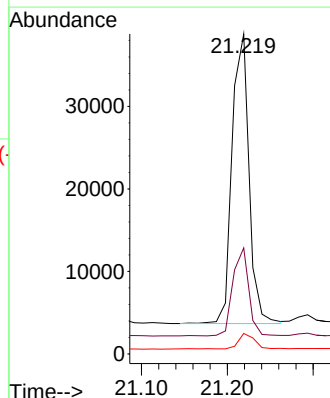
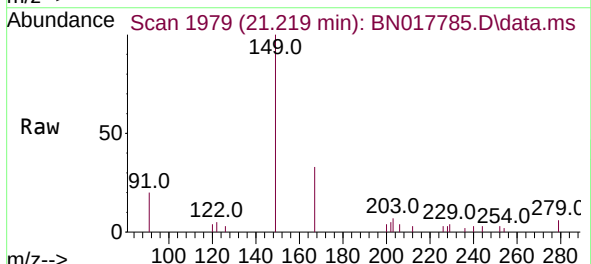
Instrument :
 BNA_N
 ClientSampleId :
 MW-45A

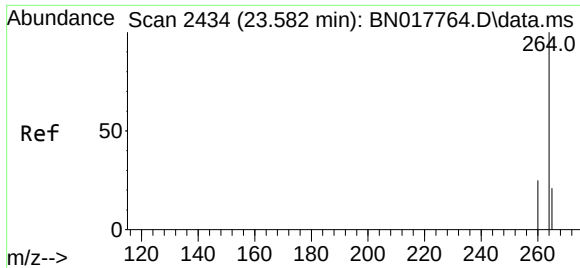
Tgt Ion:244 Resp: 136310
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 10.1 7.1 10.7



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.296 ng
 RT: 21.219 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: BN017785.D
 Acq: 08 Dec 2021 05:34

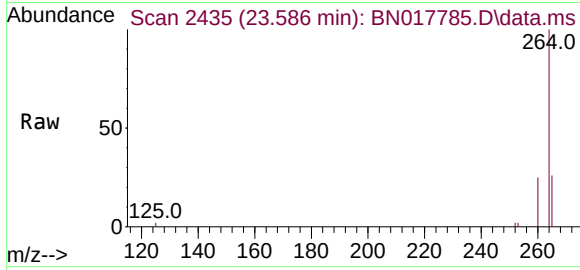
Tgt Ion:149 Resp: 48192
 Ion Ratio Lower Upper
 149 100
 167 28.7 23.5 35.3
 279 5.0 3.8 5.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.586 min Scan# 24
 Delta R.T. 0.004 min
 Lab File: BN017785.D
 Acq: 08 Dec 2021 05:34

Instrument :
 BNA_N
 ClientSampleId :
 MW-45A



Tgt Ion:264 Resp: 109566

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.0	30.0
265	25.6	20.5	30.7

