

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017771.D
 Acq On : 07 Dec 2021 20:01
 Operator : CG/JU
 Sample : M4917-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-34

Quant Time: Dec 08 07:33:50 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)

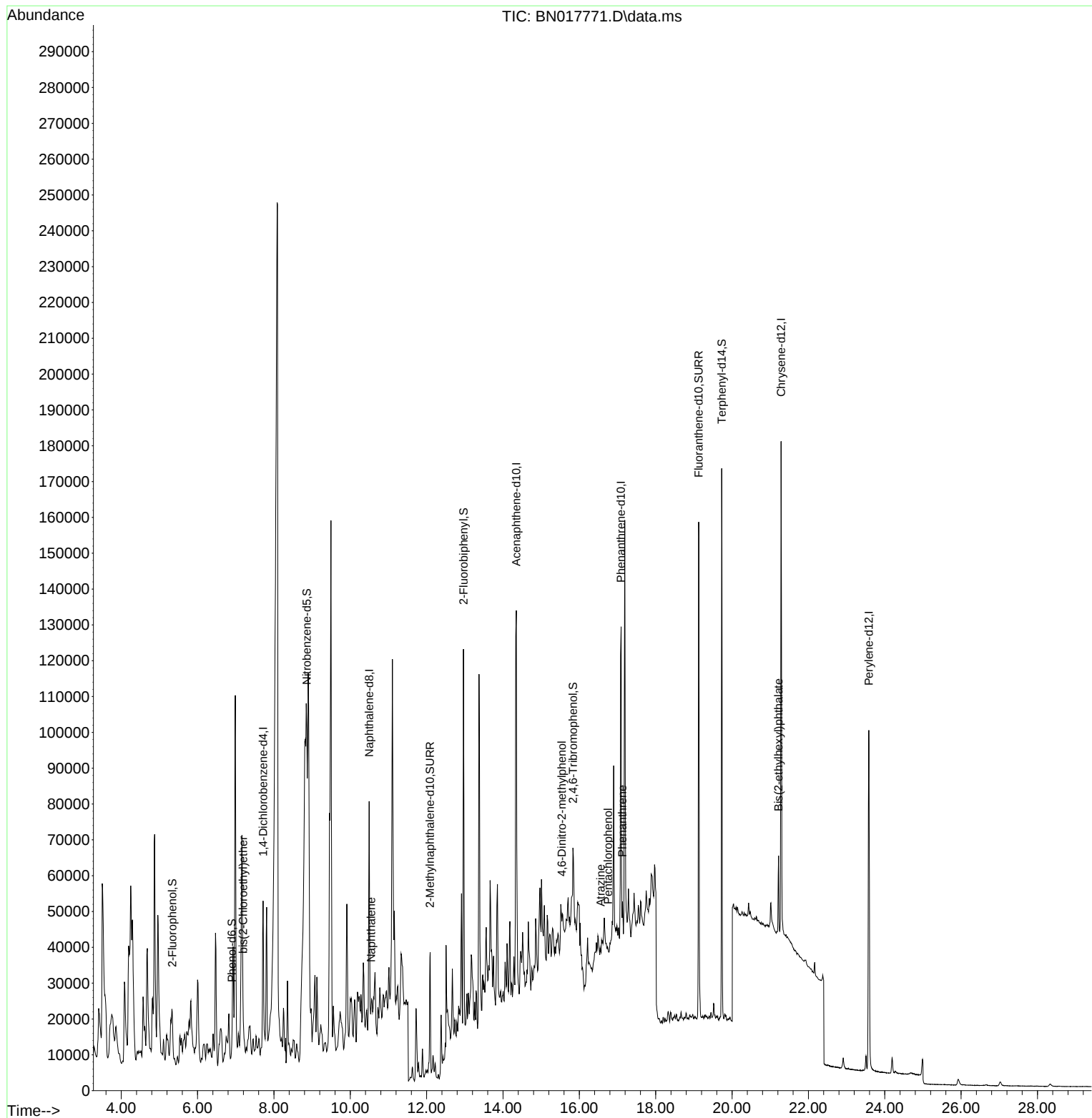
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	22185	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	82756	0.400	ng	# 0.00
13) Acenaphthene-d10	14.348	164	76283	0.400	ng	# 0.00
19) Phenanthrene-d10	17.093	188	132110	0.400	ng	# 0.00
29) Chrysene-d12	21.283	240	137729	0.400	ng	0.00
35) Perylene-d12	23.582	264	133940	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	9756	0.182	ng	0.00
5) Phenol-d6	6.904	99	4480	0.088	ng	0.00
8) Nitrobenzene-d5	8.859	82	95961	1.743	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	48433	0.293	ng	0.00
14) 2,4,6-Tribromophenol	15.832	330	19412	0.487	ng	-0.01
15) 2-Fluorobiphenyl	12.965	172	90159	0.323	ng	0.00
27) Fluoranthene-d10	19.125	212	164896	0.373	ng	0.00
31) Terphenyl-d14	19.730	244	157654	0.533	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.189	93	1400	0.024	ng	# 20
9) Naphthalene	10.545	128	4830	0.022	ng	# 50
20) 4,6-Dinitro-2-methylph...	15.540	198	1844	0.873	ng	92
23) Atrazine	16.557	200	1707	0.030	ng	# 1
24) Pentachlorophenol	16.752	266	517	0.294	ng	95
25) Phenanthrene	17.129	178	8100	0.023	ng	# 44
34) Bis(2-ethylhexyl)phtha...	21.219	149	20760	0.108	ng	99

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

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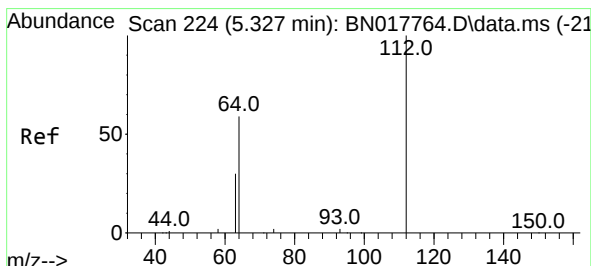
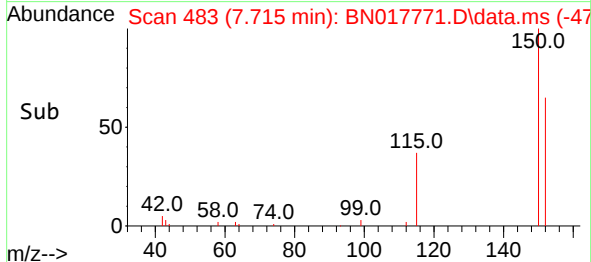
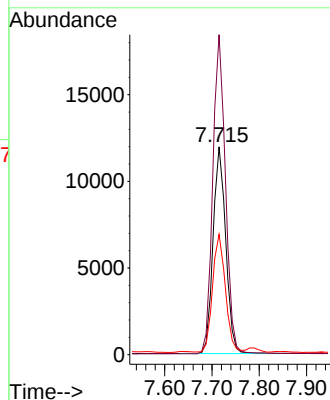
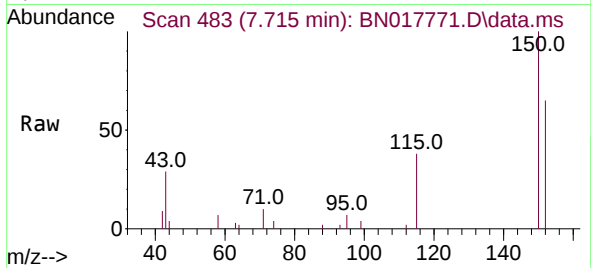




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN017771.D
Acq: 07 Dec 2021 20:01

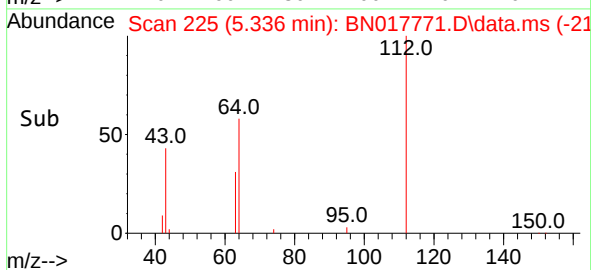
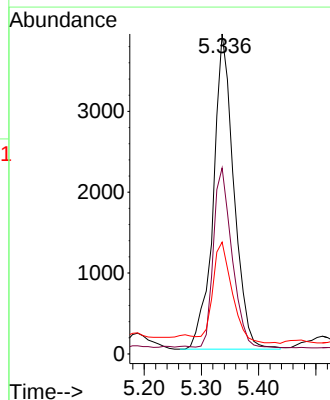
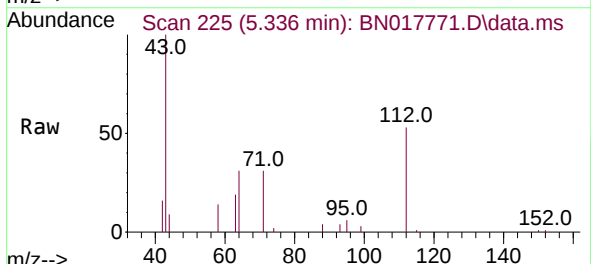
Instrument :
BNA_N
ClientSampleId :
MW-34

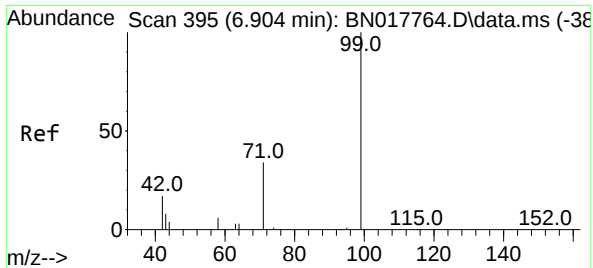
Tgt Ion:152 Resp: 22185
Ion Ratio Lower Upper
152 100
150 154.0 123.0 184.4
115 57.9 45.3 67.9



#4
2-Fluorophenol
Concen: 0.182 ng
RT: 5.336 min Scan# 225
Delta R.T. 0.009 min
Lab File: BN017771.D
Acq: 07 Dec 2021 20:01

Tgt Ion:112 Resp: 9756
Ion Ratio Lower Upper
112 100
64 51.1 49.3 73.9
63 30.0 25.8 38.8

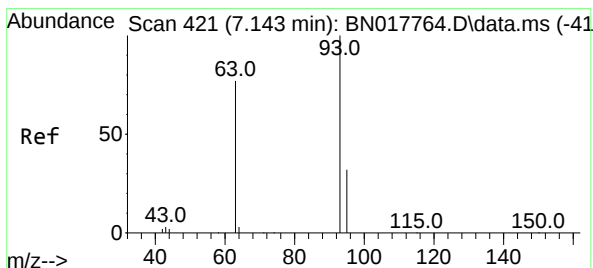
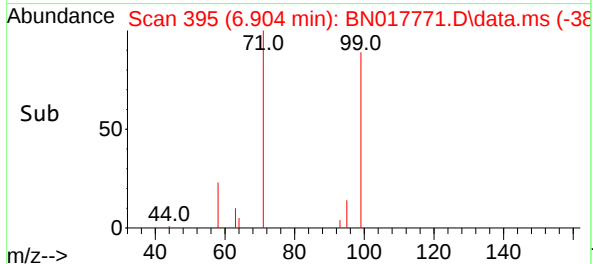
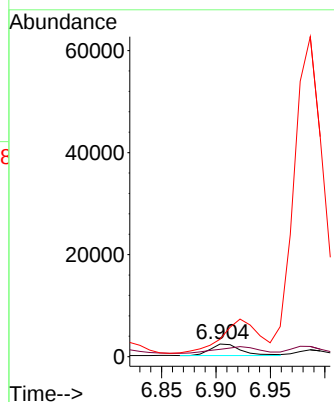
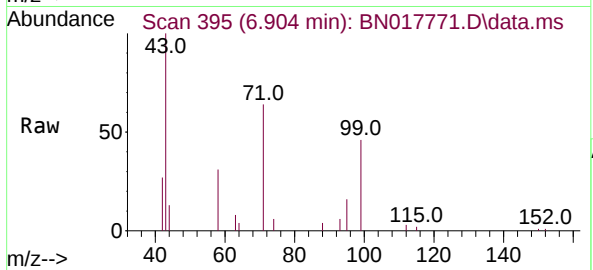




#5
Phenol-d6
Concen: 0.088 ng
RT: 6.904 min Scan# 395
Delta R.T. 0.000 min
Lab File: BN017771.D
Acq: 07 Dec 2021 20:01

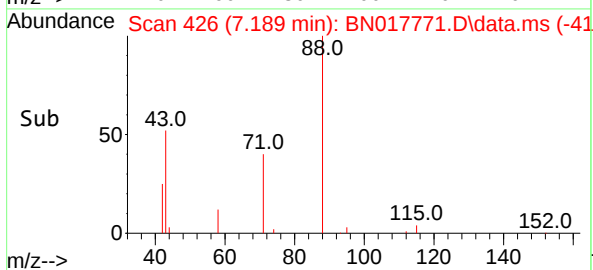
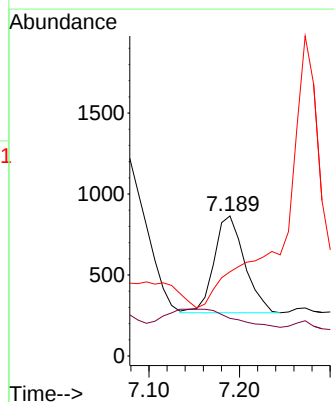
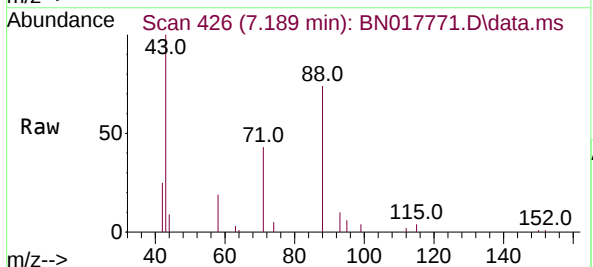
Instrument :
BNA_N
ClientSampleId :
MW-34

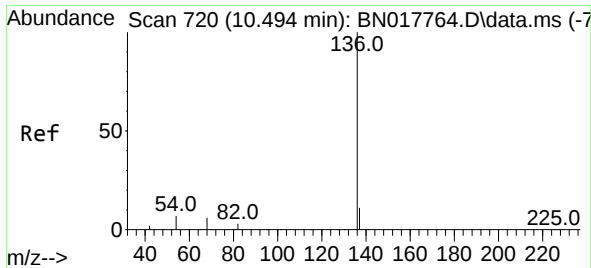
Tgt Ion: 99 Resp: 4480
Ion Ratio Lower Upper
99 100
42 77.7 16.6 25.0#
71 353.6 29.0 43.4#



#6
bis(2-Chloroethyl)ether
Concen: 0.024 ng
RT: 7.189 min Scan# 426
Delta R.T. 0.046 min
Lab File: BN017771.D
Acq: 07 Dec 2021 20:01

Tgt Ion: 93 Resp: 1400
Ion Ratio Lower Upper
93 100
63 0.0 62.0 93.0#
95 0.0 26.4 39.6#

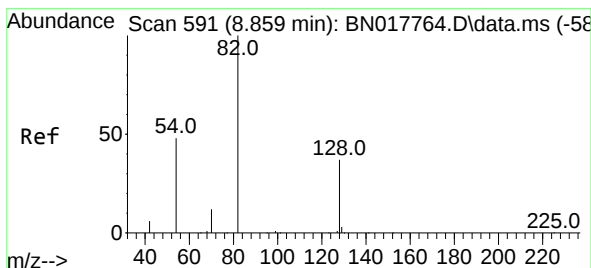
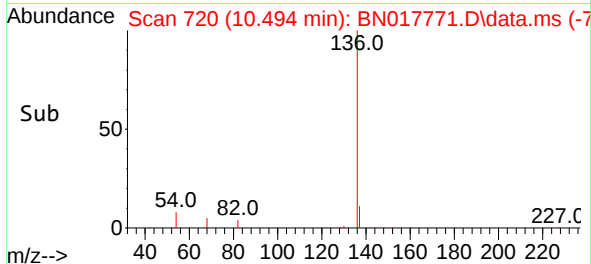
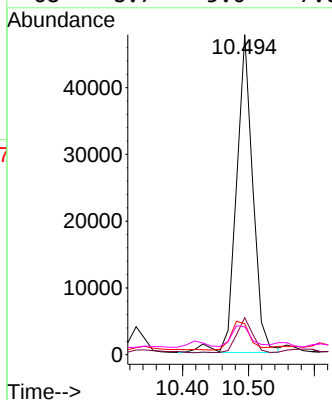
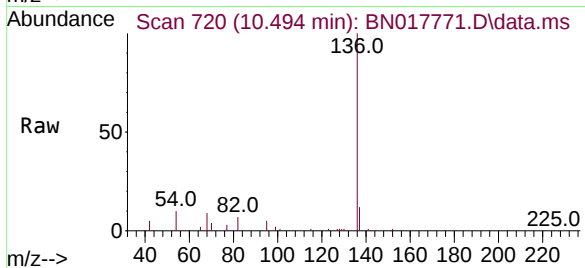




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 720
Delta R.T. 0.000 min
Lab File: BN017771.D
Acq: 07 Dec 2021 20:01

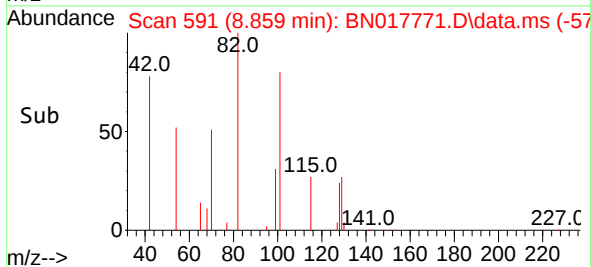
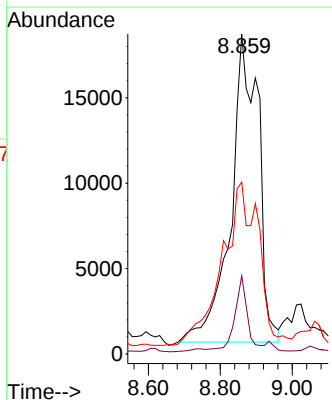
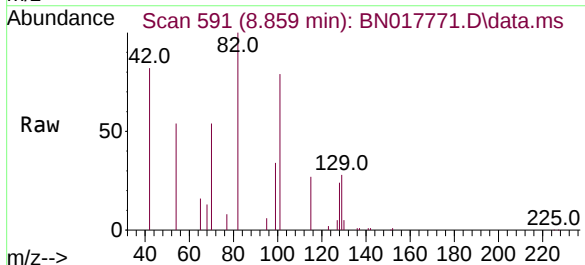
Instrument :
BNA_N
ClientSampleId :
MW-34

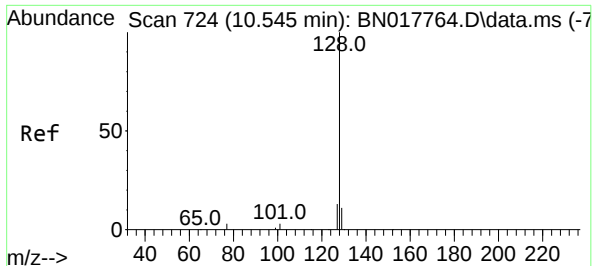
Tgt Ion:136 Resp: 82756
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 9.6 5.9 8.9#
68 8.7 5.0 7.6#



#8
Nitrobenzene-d5
Concen: 1.743 ng
RT: 8.859 min Scan# 591
Delta R.T. 0.000 min
Lab File: BN017771.D
Acq: 07 Dec 2021 20:01

Tgt Ion: 82 Resp: 95961
Ion Ratio Lower Upper
82 100
128 24.4 30.2 45.2#
54 53.7 39.0 58.6

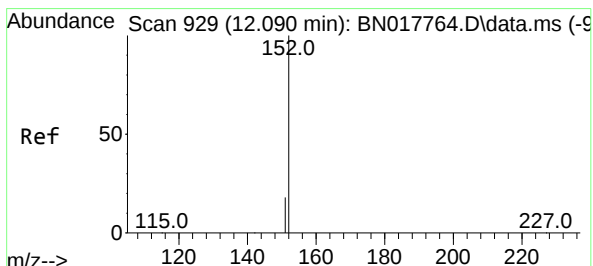
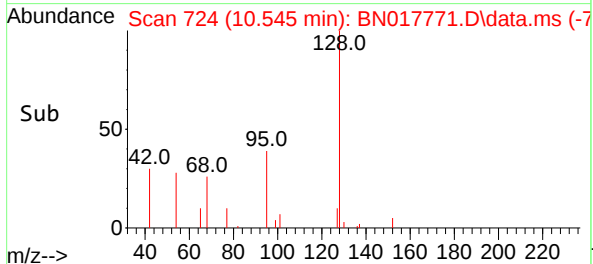
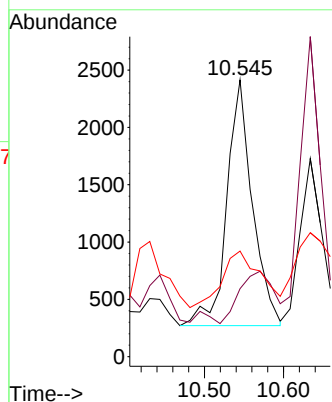
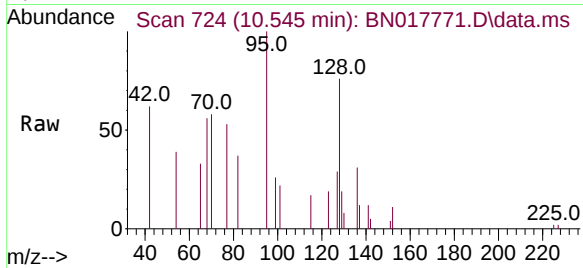




#9
Naphthalene
Concen: 0.022 ng
RT: 10.545 min Scan# 724
Delta R.T. 0.000 min
Lab File: BN017771.D
Acq: 07 Dec 2021 20:01

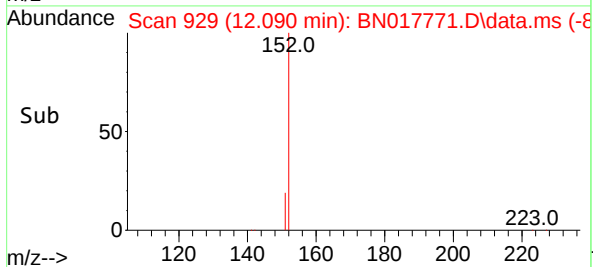
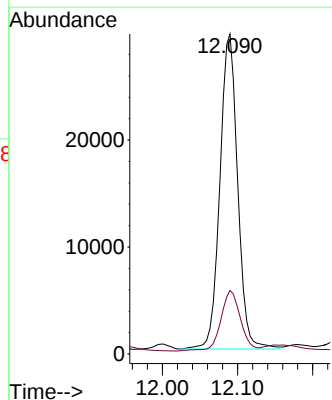
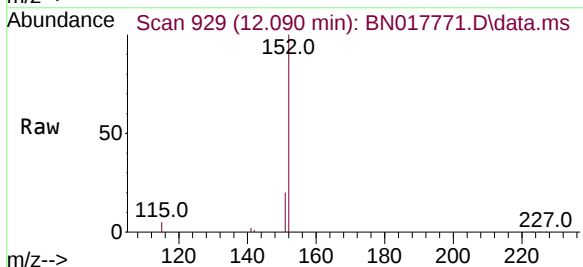
Instrument :
BNA_N
ClientSampleId :
MW-34

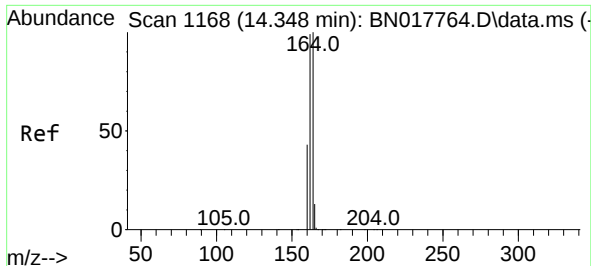
Tgt Ion:128 Resp: 4830
Ion Ratio Lower Upper
128 100
129 24.6 8.8 13.2#
127 38.1 10.6 15.8#



#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 12.090 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN017771.D
Acq: 07 Dec 2021 20:01

Tgt Ion:152 Resp: 48433
Ion Ratio Lower Upper
152 100
151 21.4 16.4 24.6

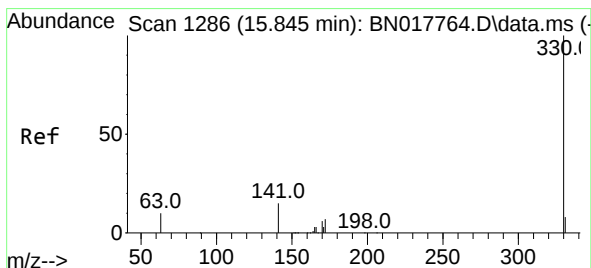
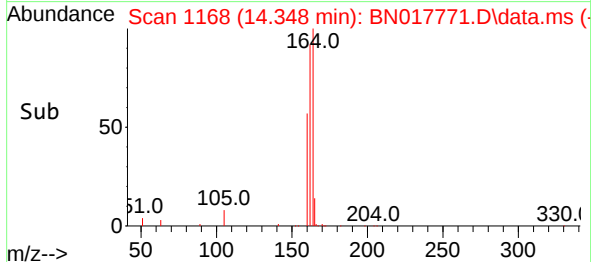
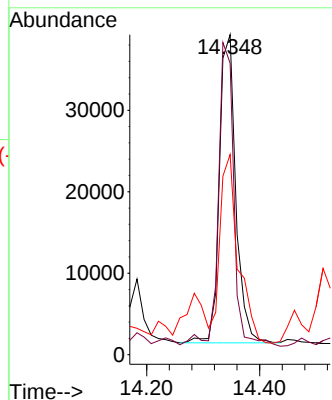
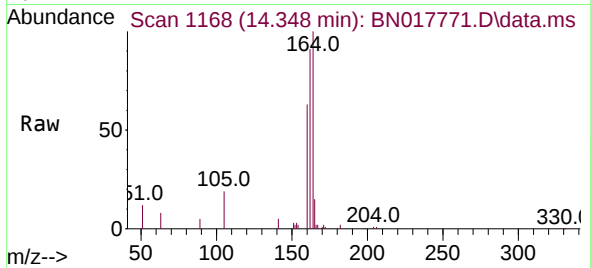




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.348 min Scan# 1168
 Delta R.T. 0.000 min
 Lab File: BN017771.D
 Acq: 07 Dec 2021 20:01

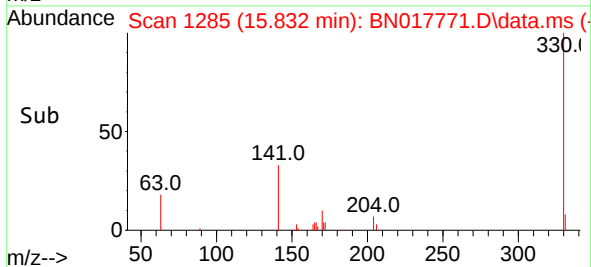
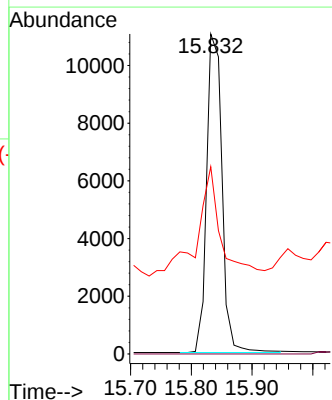
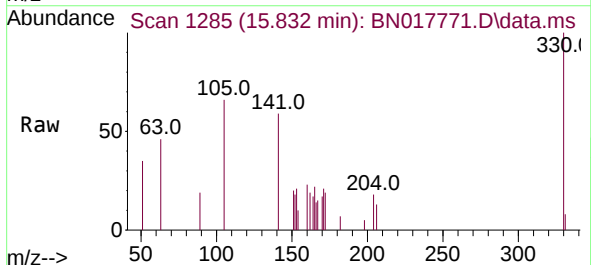
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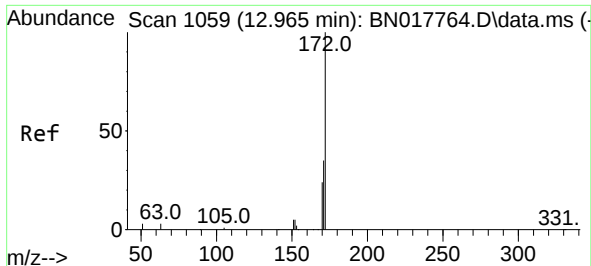
Tgt Ion:164 Resp: 76283
 Ion Ratio Lower Upper
 164 100
 162 91.1 79.0 118.6
 160 62.5 34.6 52.0#



#14
 2,4,6-Tribromophenol
 Concen: 0.487 ng
 RT: 15.832 min Scan# 1285
 Delta R.T. -0.013 min
 Lab File: BN017771.D
 Acq: 07 Dec 2021 20:01

Tgt Ion:330 Resp: 19412
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 39.7 21.5 32.3#

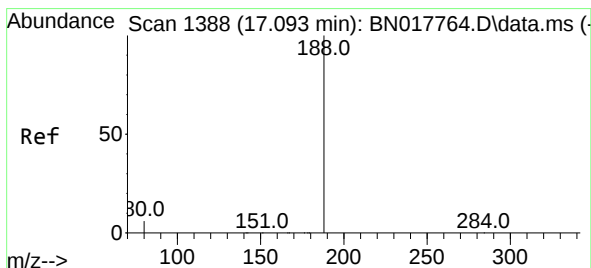
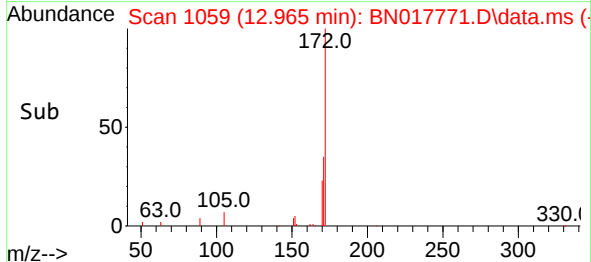
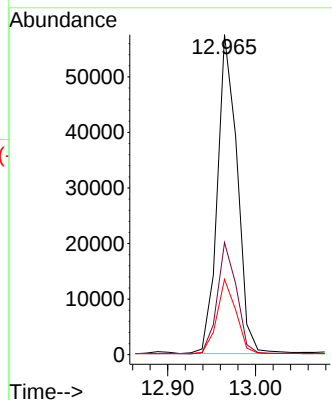
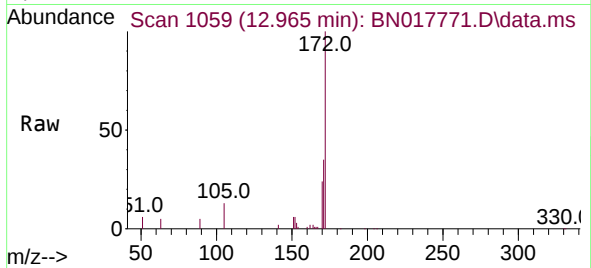




#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 12.965 min Scan# 1059
Delta R.T. 0.000 min
Lab File: BN017771.D
Acq: 07 Dec 2021 20:01

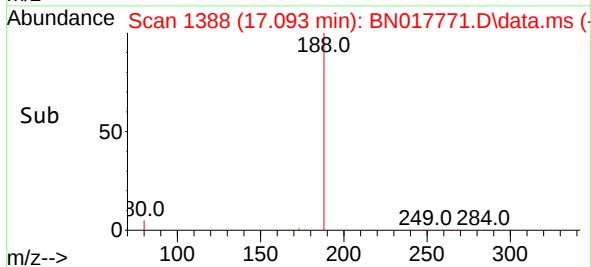
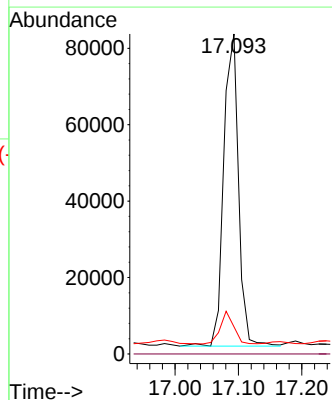
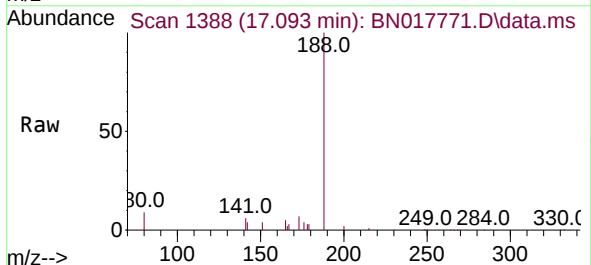
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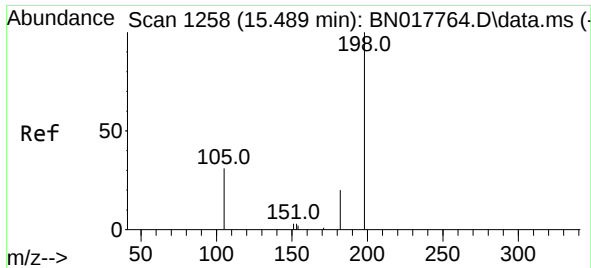
Tgt Ion:172 Resp: 90159
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.6 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BN017771.D
Acq: 07 Dec 2021 20:01

Tgt Ion:188 Resp: 132110
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 5.1 7.7#

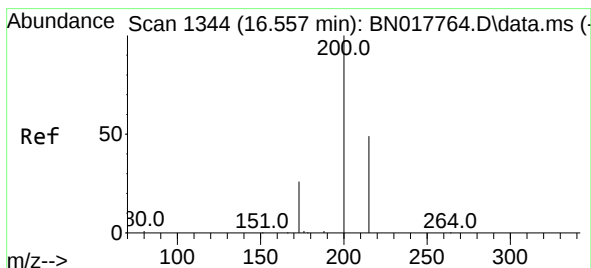
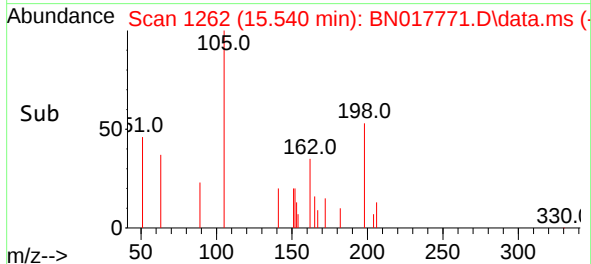
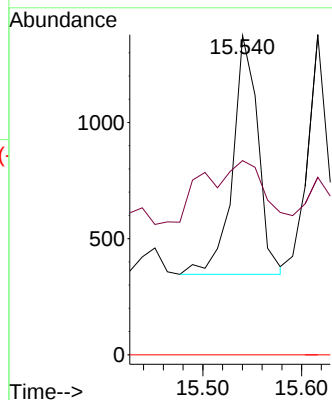
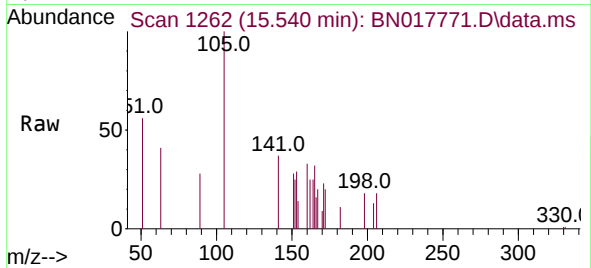




#20
4,6-Dinitro-2-methylphenol
Concen: 0.873 ng
RT: 15.540 min Scan# 1262
Delta R.T. 0.051 min
Lab File: BN017771.D
Acq: 07 Dec 2021 20:01

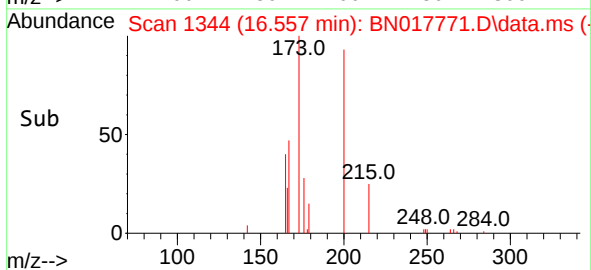
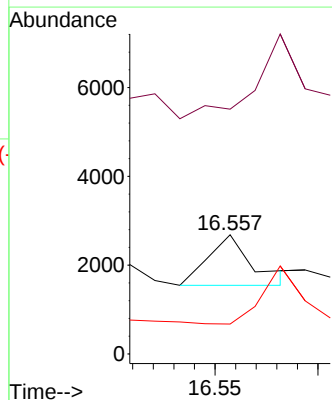
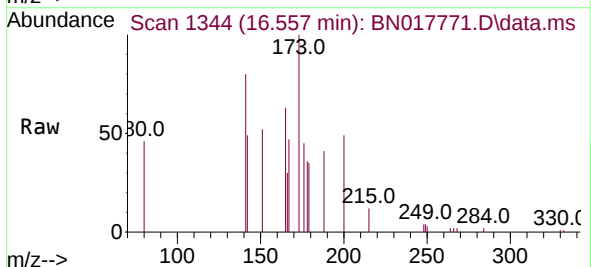
Instrument :
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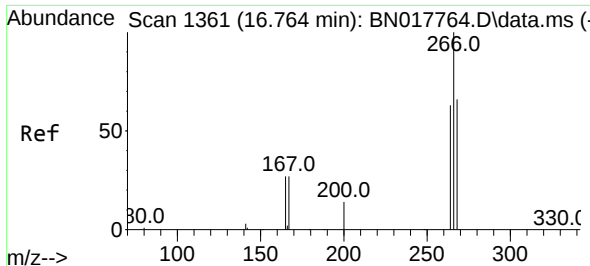
Tgt Ion:198 Resp: 1844
Ion Ratio Lower Upper
198 100
182 60.8 44.2 66.2
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.030 ng
RT: 16.557 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BN017771.D
Acq: 07 Dec 2021 20:01

Tgt Ion:200 Resp: 1707
Ion Ratio Lower Upper
200 100
173 205.4 21.4 32.2#
215 25.1 39.3 58.9#

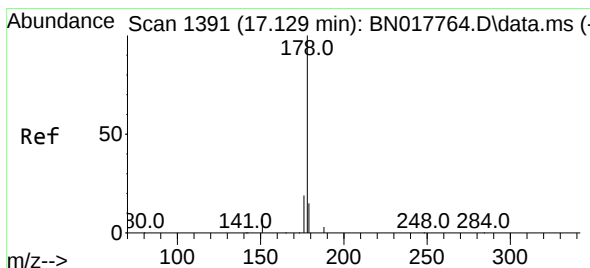
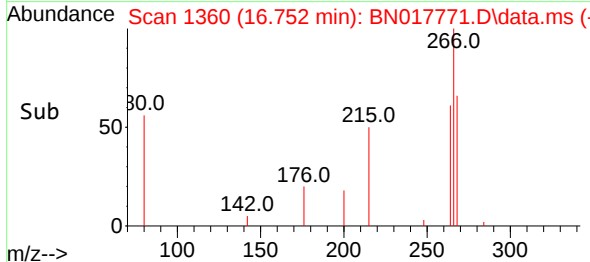
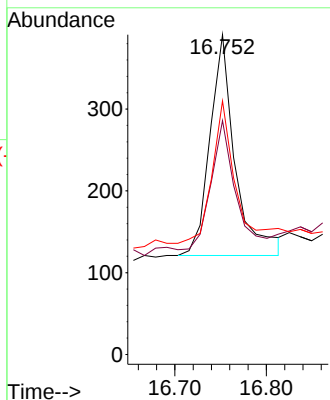
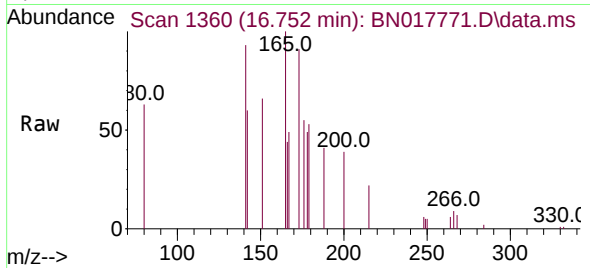




#24
 Pentachlorophenol
 Concen: 0.294 ng
 RT: 16.752 min Scan# 1360
 Delta R.T. -0.012 min
 Lab File: BN017771.D
 Acq: 07 Dec 2021 20:01

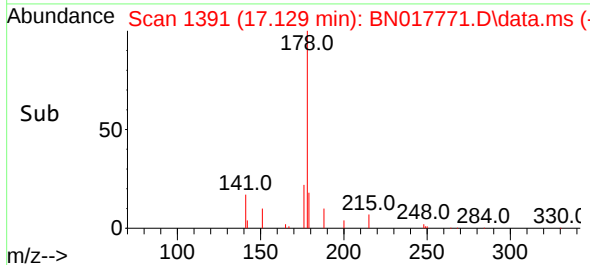
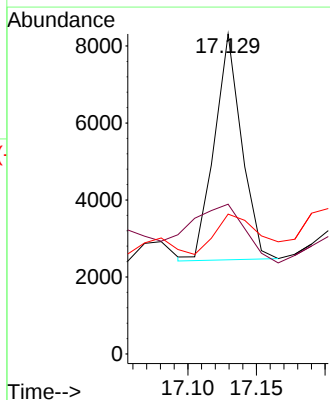
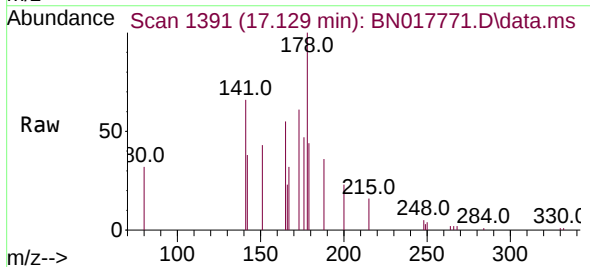
Instrument :
 BNA_N
 ClientSampleId :
 MW-34

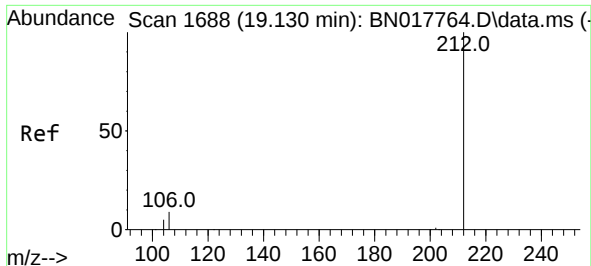
Tgt Ion:266	Resp:	517
Ion Ratio	Lower	Upper
266	100	
264	56.5	50.8 76.2
268	66.2	51.8 77.6



#25
 Phenanthrene
 Concen: 0.023 ng
 RT: 17.129 min Scan# 1391
 Delta R.T. 0.000 min
 Lab File: BN017771.D
 Acq: 07 Dec 2021 20:01

Tgt Ion:178	Resp:	8100
Ion Ratio	Lower	Upper
178	100	
176	53.2	15.0 22.6#
179	28.5	12.5 18.7#

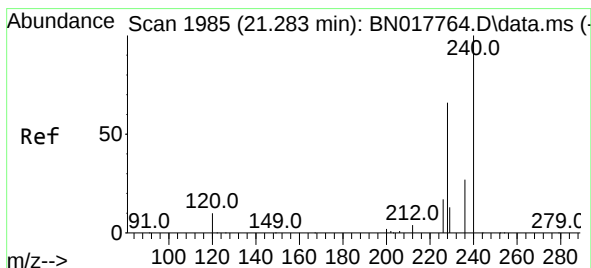
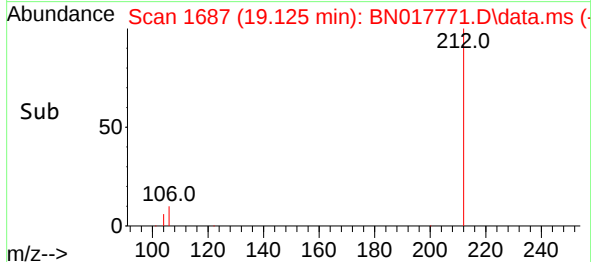
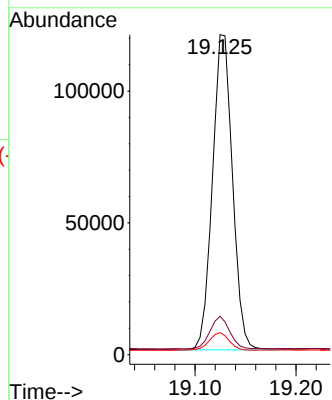
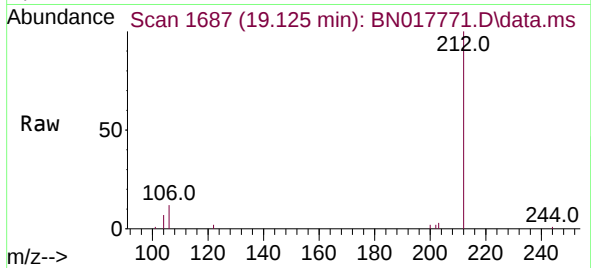




#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.125 min Scan# 1687
Delta R.T. -0.005 min
Lab File: BN017771.D
Acq: 07 Dec 2021 20:01

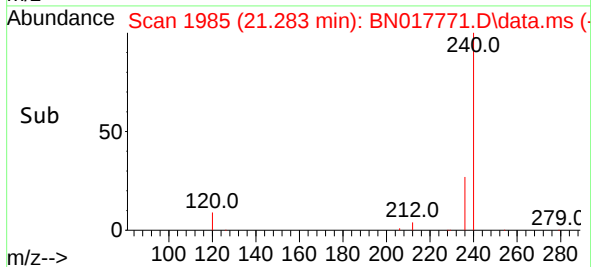
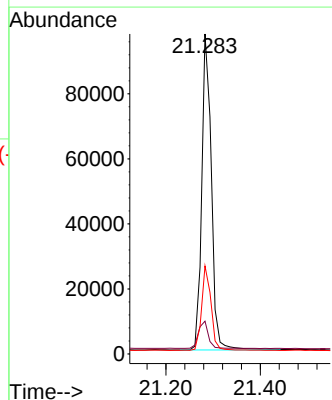
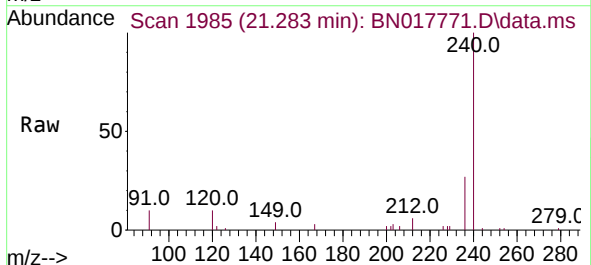
Instrument :
BNA_N
ClientSampleId :
MW-34

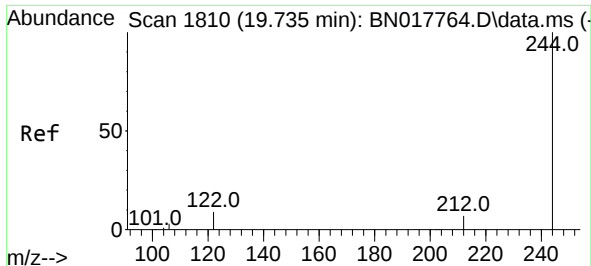
Tgt Ion:212 Resp: 164896
Ion Ratio Lower Upper
212 100
106 9.9 8.2 12.2
104 5.6 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.283 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BN017771.D
Acq: 07 Dec 2021 20:01

Tgt Ion:240 Resp: 137729
Ion Ratio Lower Upper
240 100
120 10.2 7.9 11.9
236 27.5 21.4 32.2

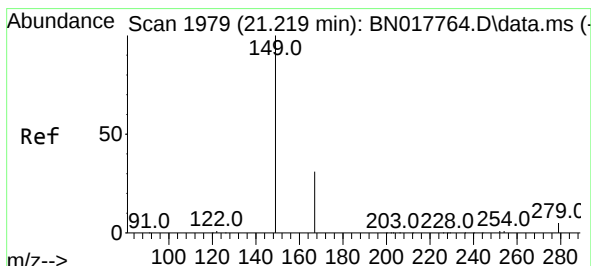
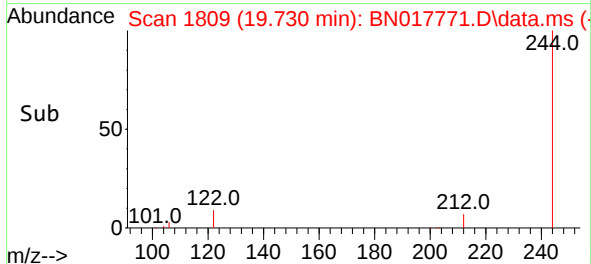
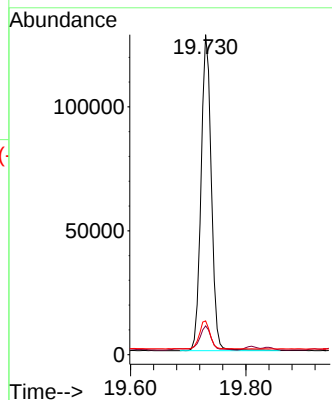
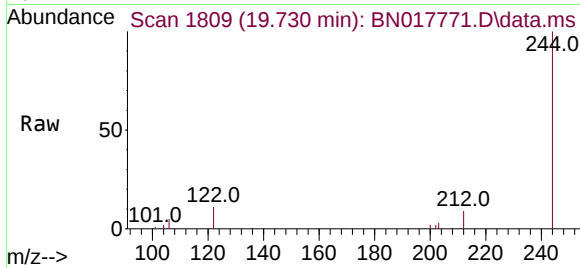




#31
 Terphenyl-d14
 Concen: 0.533 ng
 RT: 19.730 min Scan# 1810
 Delta R.T. -0.005 min
 Lab File: BN017771.D
 Acq: 07 Dec 2021 20:01

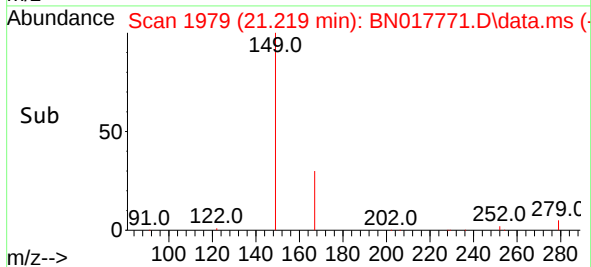
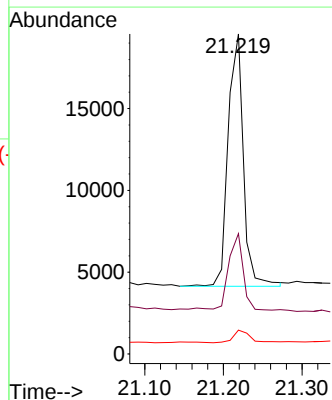
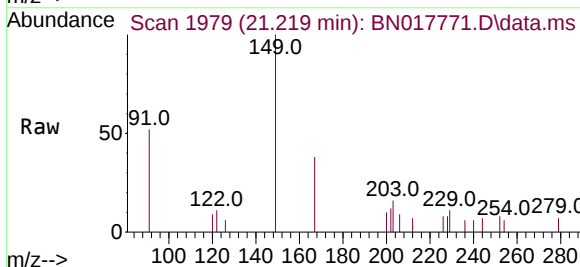
Instrument :
 BNA_N
 ClientSampleId :
 MW-34

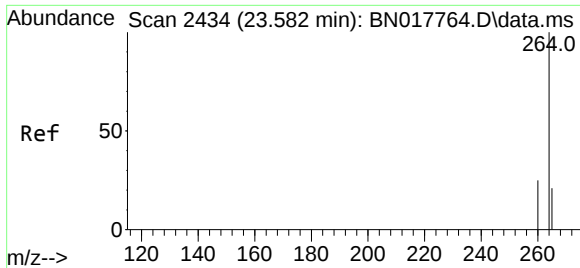
Tgt Ion:244 Resp: 157654
 Ion Ratio Lower Upper
 244 100
 212 9.0 5.8 8.8#
 122 10.6 7.1 10.7



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.108 ng
 RT: 21.219 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: BN017771.D
 Acq: 07 Dec 2021 20:01

Tgt Ion:149 Resp: 20760
 Ion Ratio Lower Upper
 149 100
 167 28.9 23.5 35.3
 279 5.6 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: BN017771.D
 Acq: 07 Dec 2021 20:01

Instrument :
 BNA_N
 ClientSampleId :
 MW-34

Tgt Ion:264 Resp: 133940

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	23.9	20.5	30.7

