

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017862.D
 Acq On : 10 Dec 2021 09:30
 Operator : CG/JU
 Sample : M4923-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW181S-20211201

Quant Time: Dec 11 00:35:00 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)

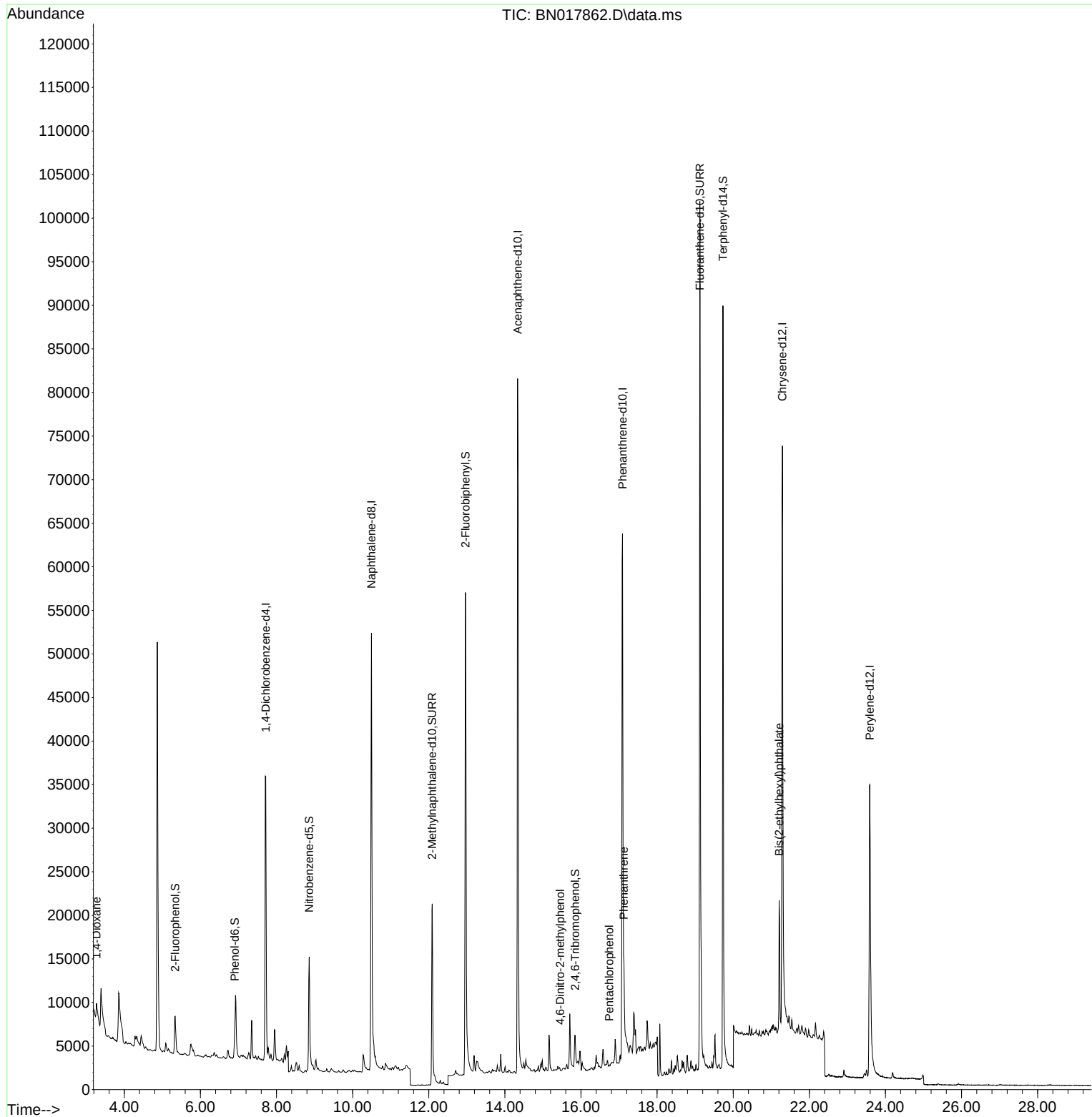
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20471	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	81383	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	56736	0.400	ng	-0.01
19) Phenanthrene-d10	17.092	188	119397	0.400	ng	0.00
29) Chrysene-d12	21.293	240	96886	0.400	ng	# 0.01
35) Perylene-d12	23.589	264	64599	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5371	0.109	ng	0.00
5) Phenol-d6	6.903	99	3102	0.066	ng	0.00
8) Nitrobenzene-d5	8.859	82	14931	0.276	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	35890	0.221	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4671	0.157	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	57188	0.275	ng	0.00
27) Fluoranthene-d10	19.124	212	138802	0.348	ng	0.00
31) Terphenyl-d14	19.730	244	109931	0.528	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	1666	0.221	ng	# 100
20) 4,6-Dinitro-2-methylph...	15.451	198	18	0.096	ng	# 1
24) Pentachlorophenol	16.739	266	39	0.281	ng	# 44
25) Phenanthrene	17.129	178	9065	0.029	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.208	149	16351	0.121	ng	100

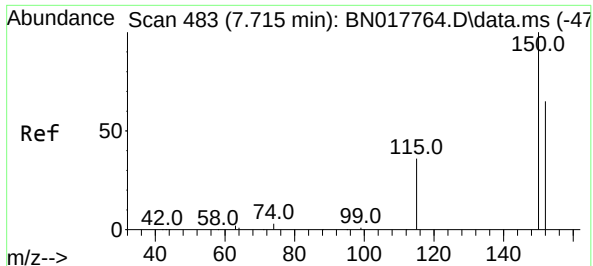
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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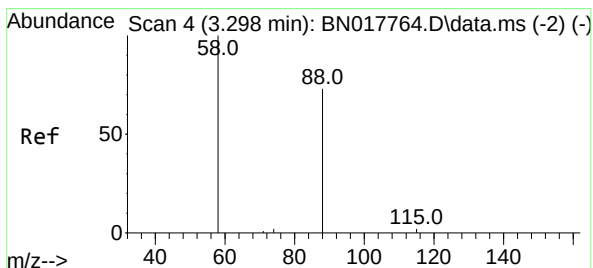
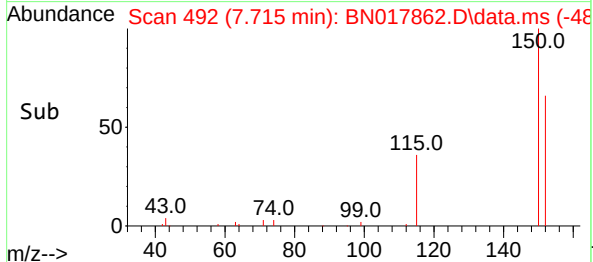
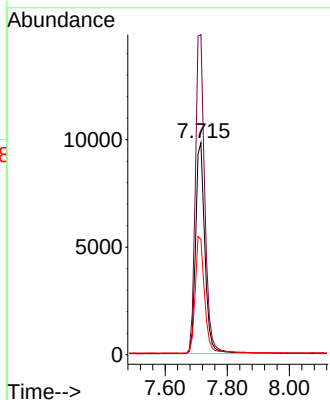
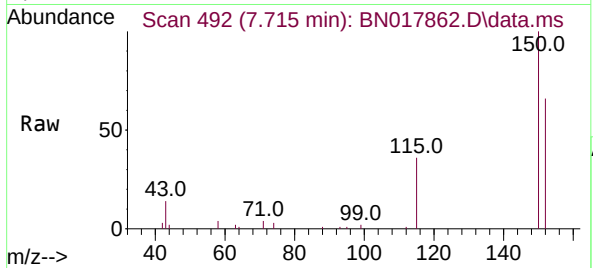




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 483
 Delta R.T. -0.000 min
 Lab File: BN017862.D
 Acq: 10 Dec 2021 09:30

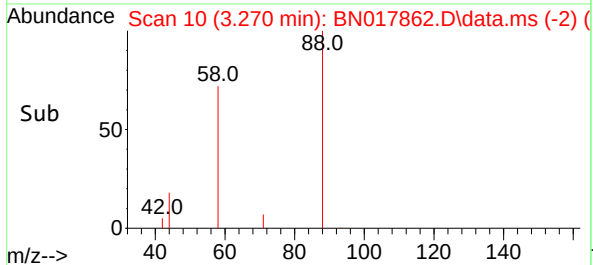
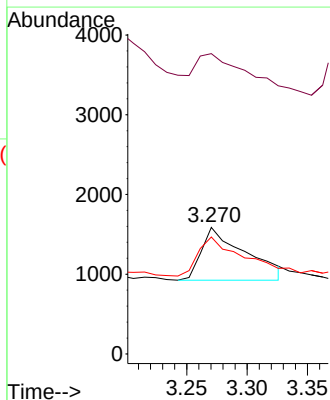
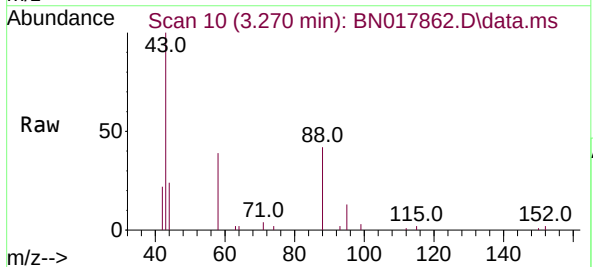
Instrument :
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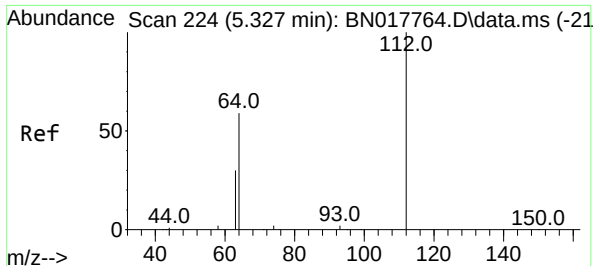
Tgt Ion:152 Resp: 20471
 Ion Ratio Lower Upper
 152 100
 150 150.9 123.0 184.4
 115 54.5 45.3 67.9



#2
 1,4-Dioxane
 Concen: 0.221 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.028 min
 Lab File: BN017862.D
 Acq: 10 Dec 2021 09:30

Tgt Ion: 88 Resp: 1666
 Ion Ratio Lower Upper
 88 100
 43 56.6 0.0 0.0#
 58 74.7 0.0 0.0#

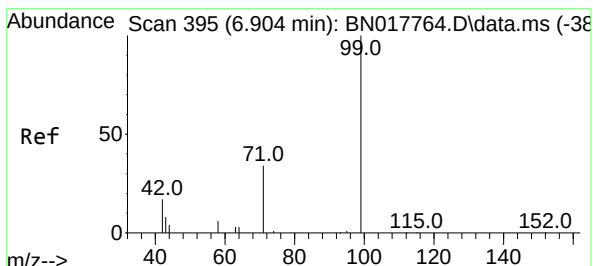
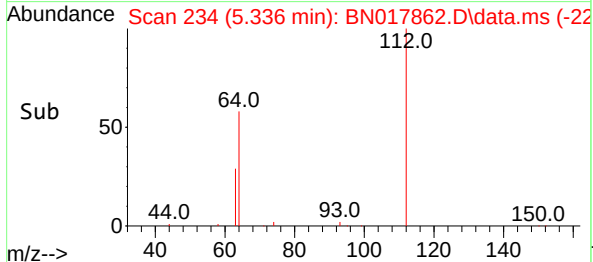
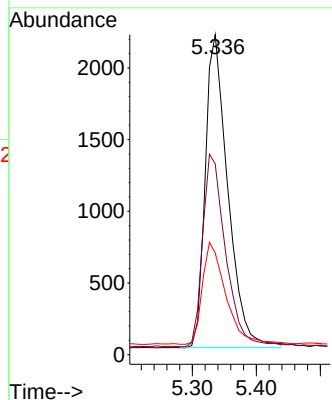
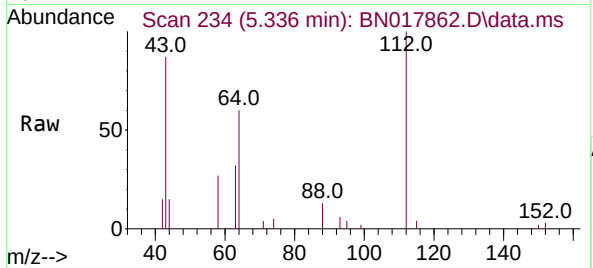




#4
2-Fluorophenol
Concen: 0.109 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017862.D
Acq: 10 Dec 2021 09:30

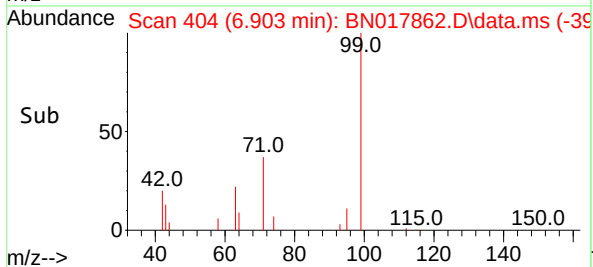
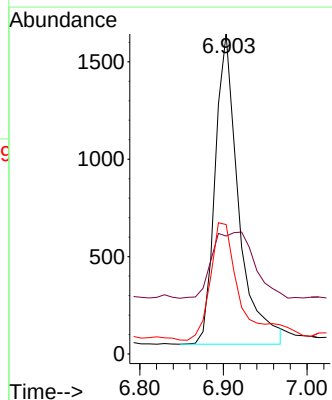
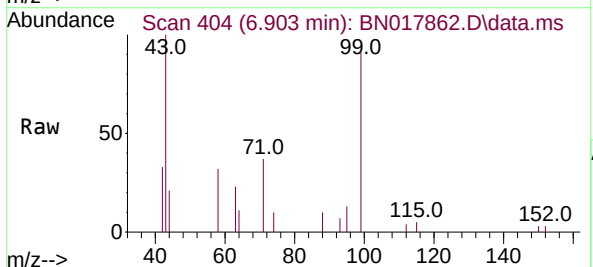
Instrument :
BNA_N
ClientSampleId :
MW181S-20211201

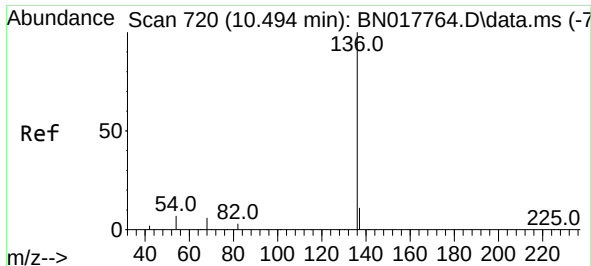
Tgt Ion:112 Resp: 5371
Ion Ratio Lower Upper
112 100
64 62.2 49.3 73.9
63 33.7 25.8 38.8



#5
Phenol-d6
Concen: 0.066 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.000 min
Lab File: BN017862.D
Acq: 10 Dec 2021 09:30

Tgt Ion: 99 Resp: 3102
Ion Ratio Lower Upper
99 100
42 0.0 16.6 25.0#
71 46.6 29.0 43.4#

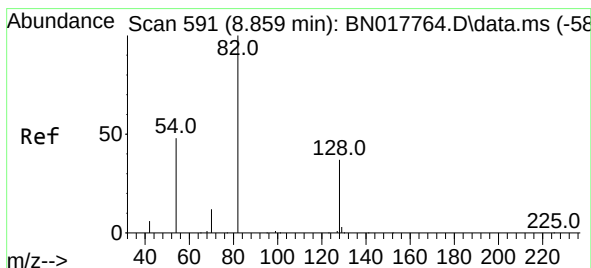
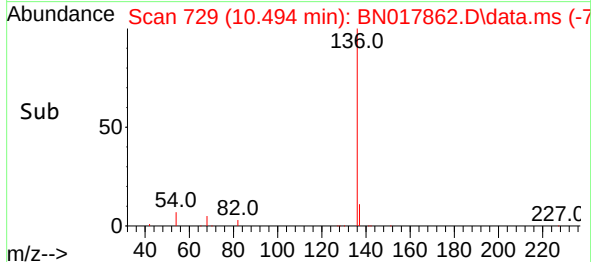
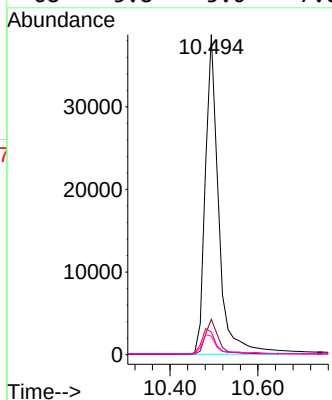
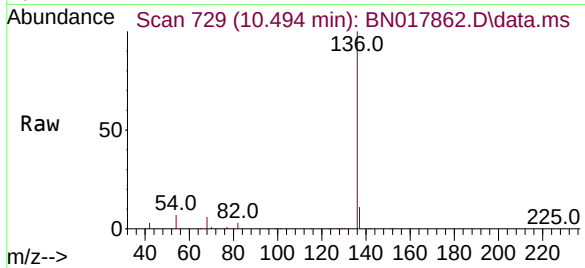




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017862.D
Acq: 10 Dec 2021 09:30

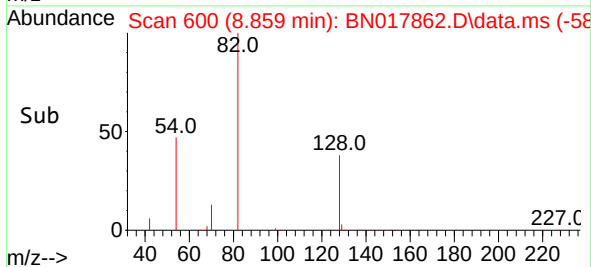
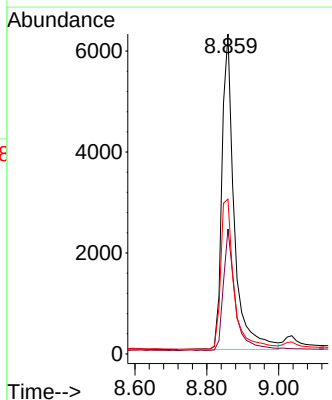
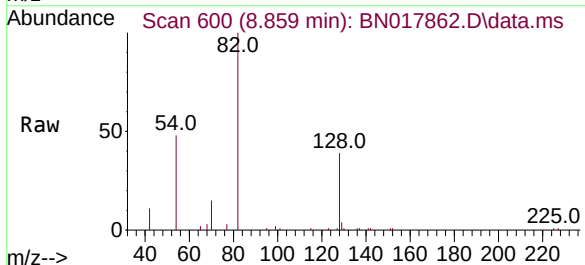
Instrument :
BNA_N
ClientSampleId :
MW181S-20211201

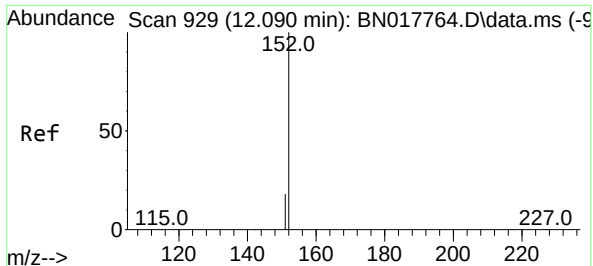
Tgt Ion:	136	Resp:	81383
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	7.1	5.9	8.9
68	5.8	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.276 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017862.D
Acq: 10 Dec 2021 09:30

Tgt Ion:	82	Resp:	14931
Ion Ratio	Lower	Upper	
82	100		
128	39.1	30.2	45.2
54	48.4	39.0	58.6





#11

2-Methylnaphthalene-d10

Concen: 0.221 ng

RT: 12.090 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN017862.D

Acq: 10 Dec 2021 09:30

Instrument :

BNA_N

ClientSampleId :

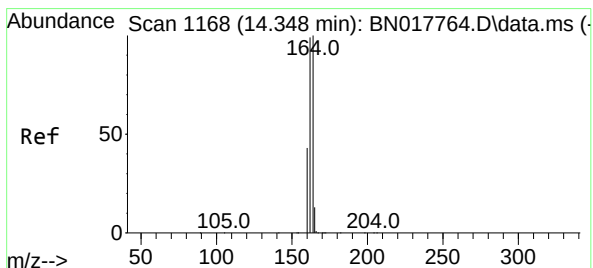
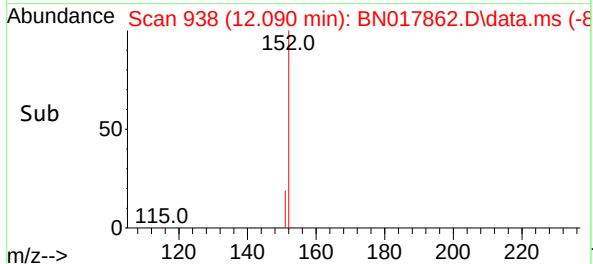
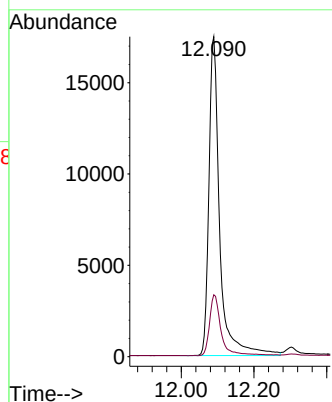
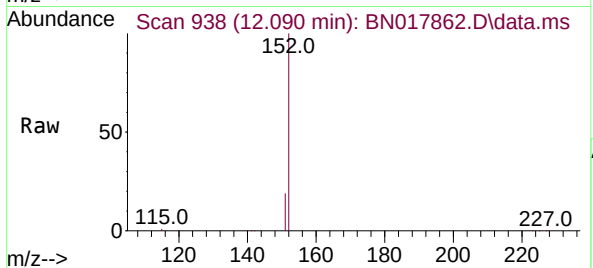
MW181S-20211201

Tgt Ion:152 Resp: 35890

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.335 min Scan# 1176

Delta R.T. -0.013 min

Lab File: BN017862.D

Acq: 10 Dec 2021 09:30

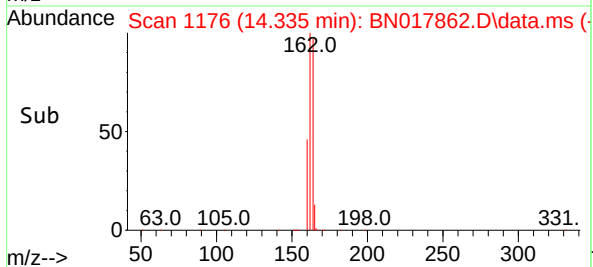
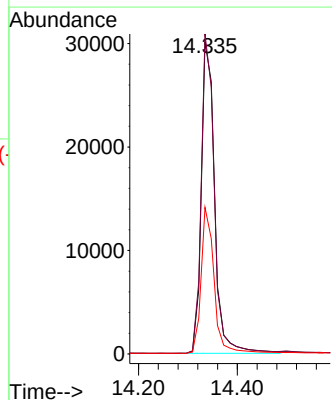
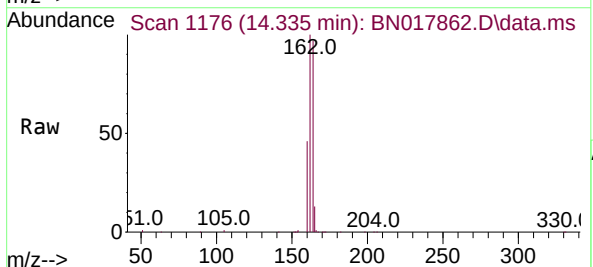
Tgt Ion:164 Resp: 56736

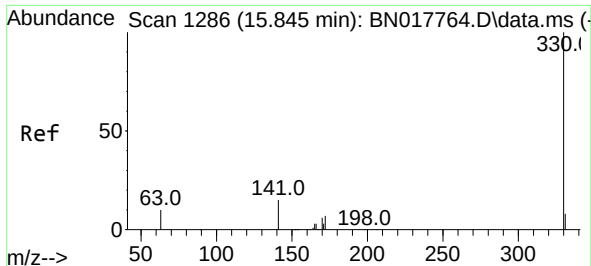
Ion Ratio Lower Upper

164 100

162 102.6 79.0 118.6

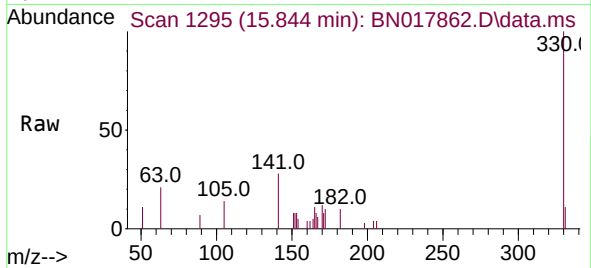
160 47.0 34.6 52.0



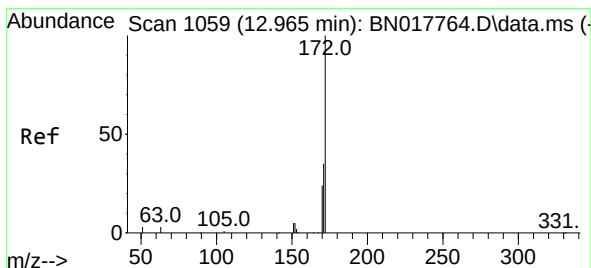
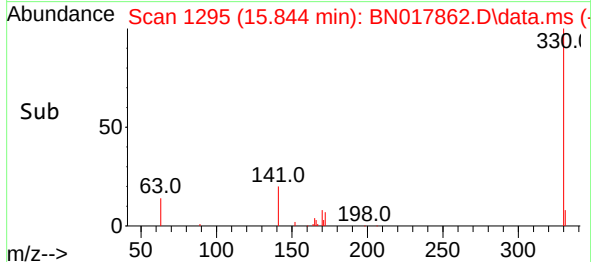
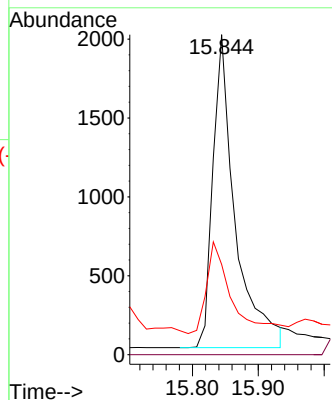


#14
2,4,6-Tribromophenol
Concen: 0.157 ng
RT: 15.844 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017862.D
Acq: 10 Dec 2021 09:30

Instrument :
BNA_N
ClientSampleId :
MW181S-20211201

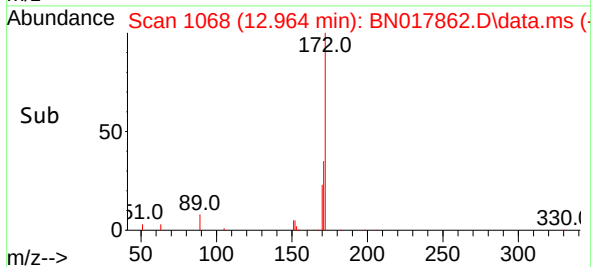
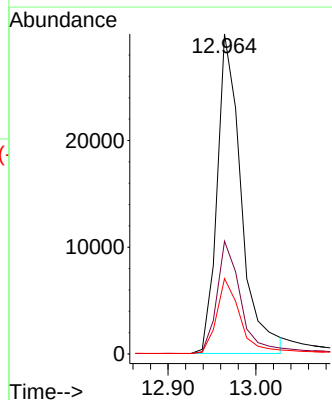
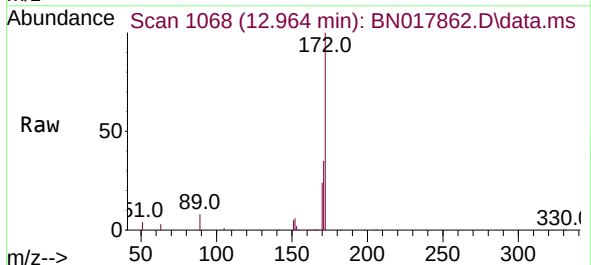


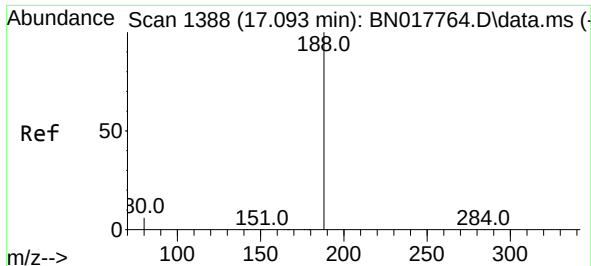
Tgt Ion: 330 Resp: 4671
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.2 21.5 32.3



#15
2-Fluorobiphenyl
Concen: 0.275 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017862.D
Acq: 10 Dec 2021 09:30

Tgt Ion: 172 Resp: 57188
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.5 18.9 28.3

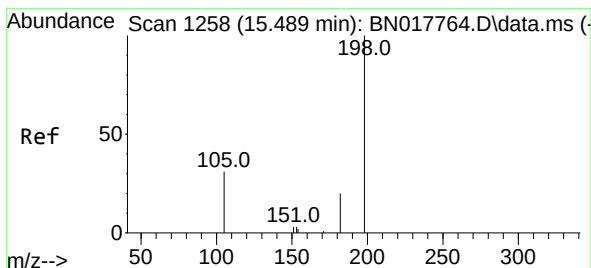
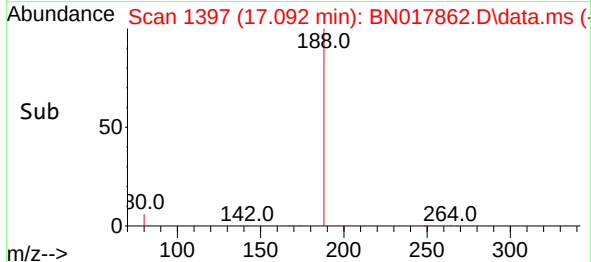
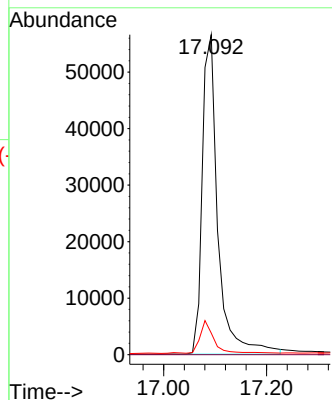
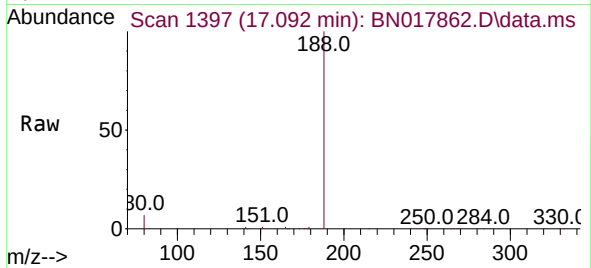




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017862.D
Acq: 10 Dec 2021 09:30

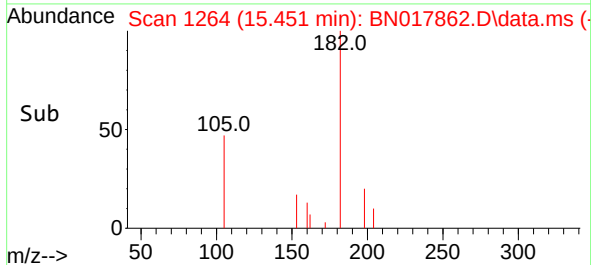
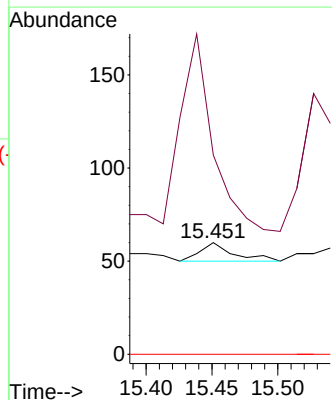
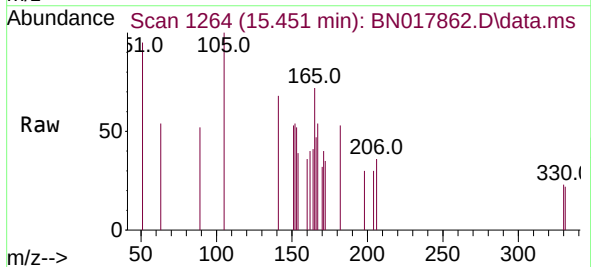
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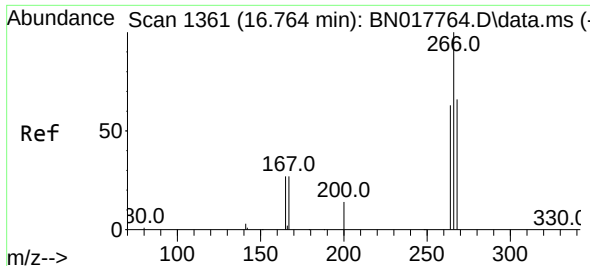
Tgt Ion:188 Resp: 119397
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.7 5.1 7.7



#20
4,6-Dinitro-2-methylphenol
Concen: 0.096 ng
RT: 15.451 min Scan# 1264
Delta R.T. -0.038 min
Lab File: BN017862.D
Acq: 10 Dec 2021 09:30

Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
182 178.3 44.2 66.2#
77 0.0 0.0 0.0

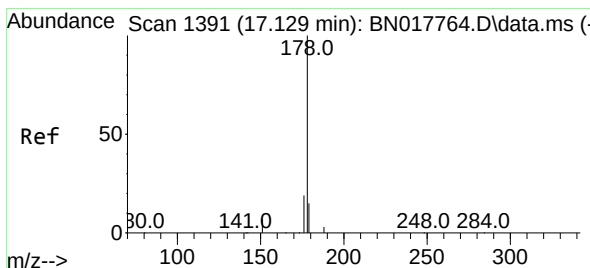
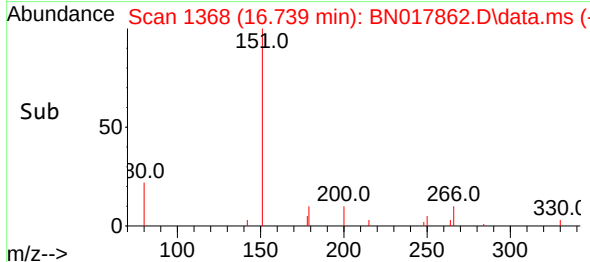
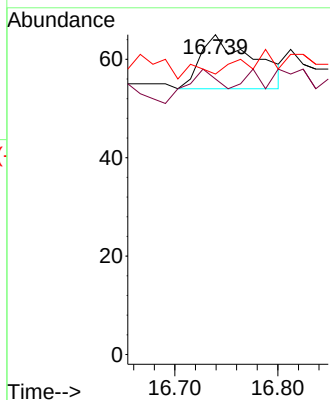
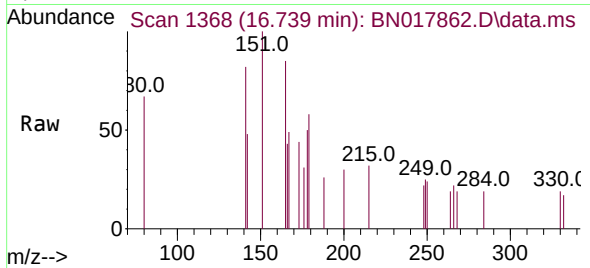




#24
 Pentachlorophenol
 Concen: 0.281 ng
 RT: 16.739 min Scan# 11
 Delta R.T. -0.025 min
 Lab File: BN017862.D
 Acq: 10 Dec 2021 09:30

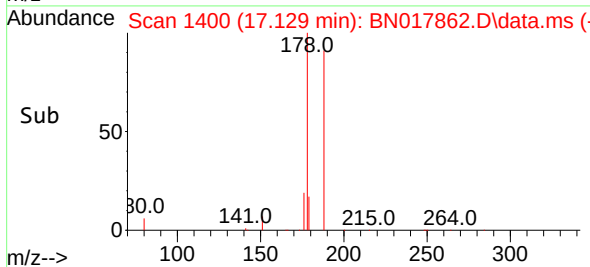
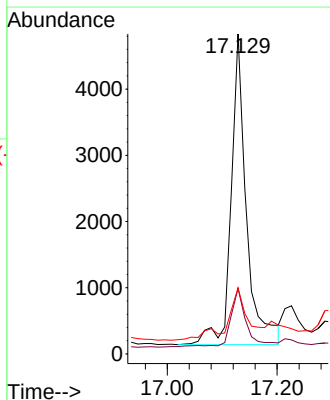
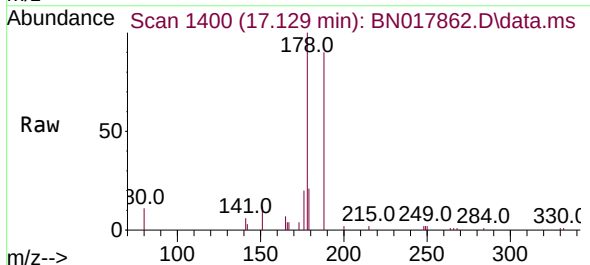
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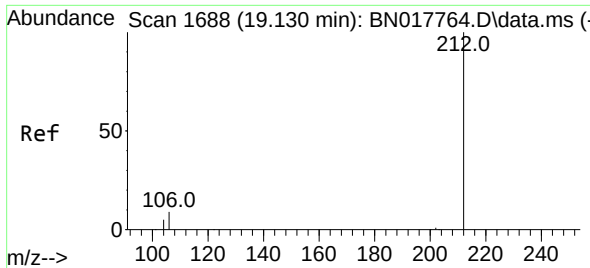
Tgt Ion:266 Resp: 39
 Ion Ratio Lower Upper
 266 100
 264 41.0 50.8 76.2#
 268 0.0 51.8 77.6#



#25
 Phenanthrene
 Concen: 0.029 ng
 RT: 17.129 min Scan# 1400
 Delta R.T. -0.000 min
 Lab File: BN017862.D
 Acq: 10 Dec 2021 09:30

Tgt Ion:178 Resp: 9065
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.0 22.6
 179 23.3 12.5 18.7#

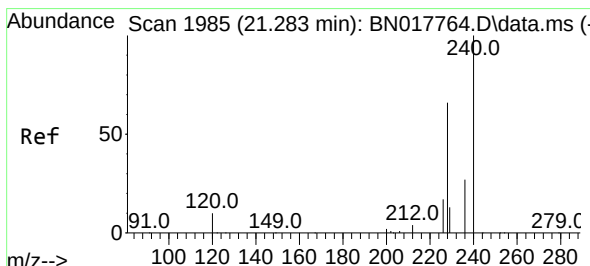
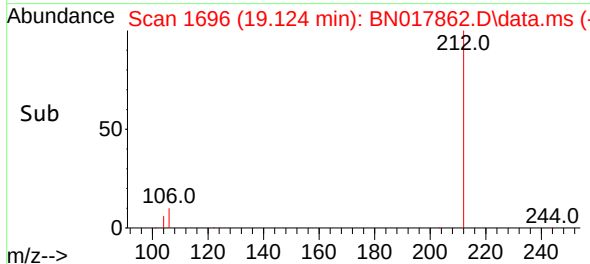
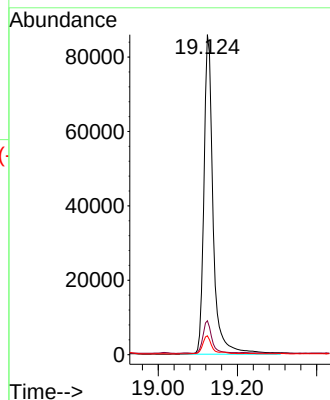
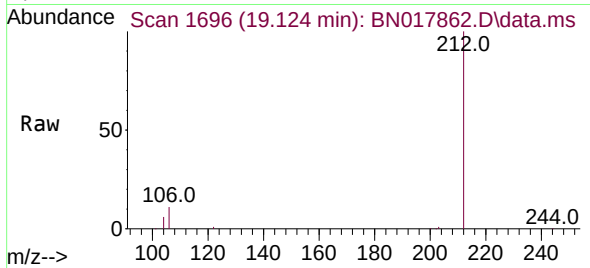




#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017862.D
Acq: 10 Dec 2021 09:30

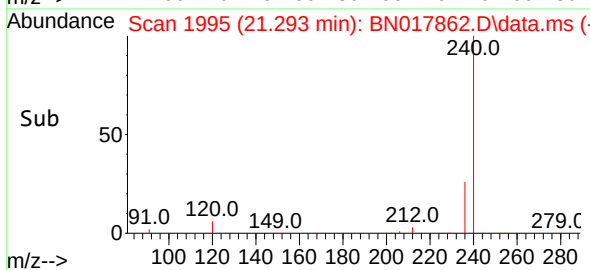
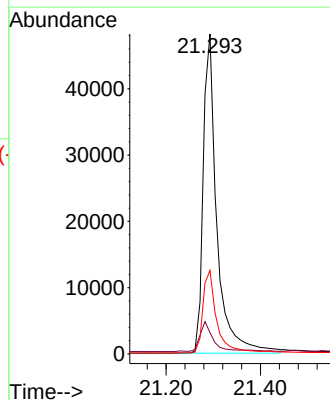
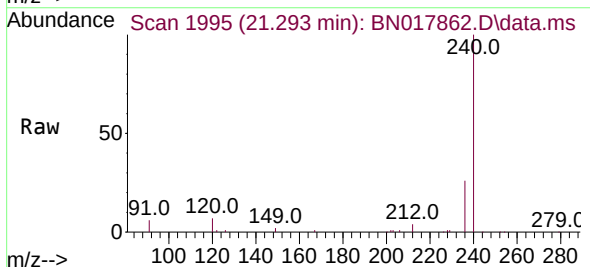
Instrument :
BNA_N
ClientSampleId :
MW181S-20211201

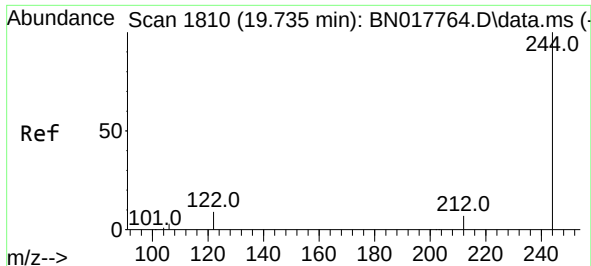
Tgt Ion:212 Resp: 138802
Ion Ratio Lower Upper
212 100
106 9.7 8.2 12.2
104 5.9 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.010 min
Lab File: BN017862.D
Acq: 10 Dec 2021 09:30

Tgt Ion:240 Resp: 96886
Ion Ratio Lower Upper
240 100
120 6.7 7.9 11.9#
236 26.1 21.4 32.2

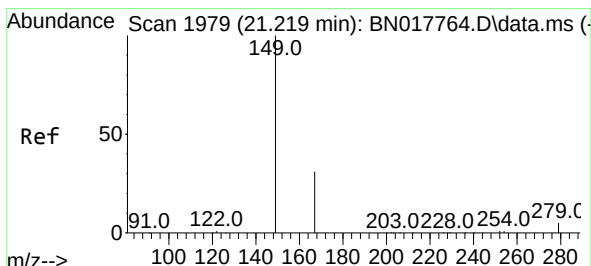
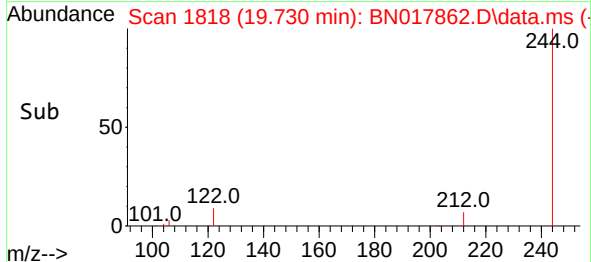
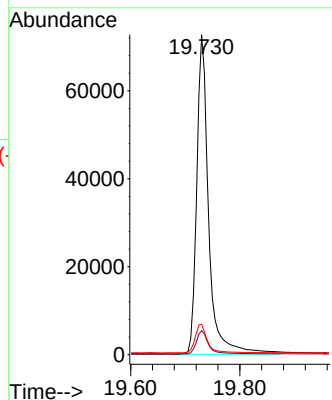
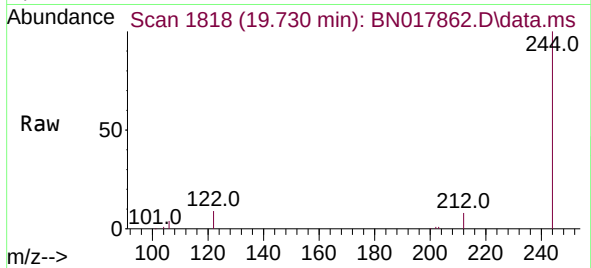




#31
 Terphenyl-d14
 Concen: 0.528 ng
 RT: 19.730 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BN017862.D
 Acq: 10 Dec 2021 09:30

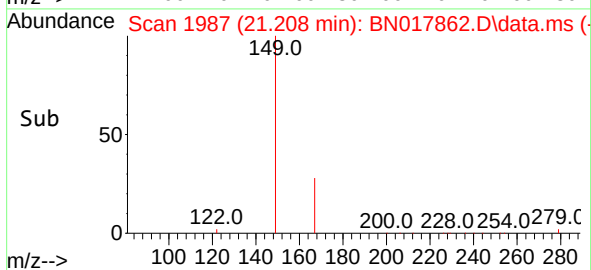
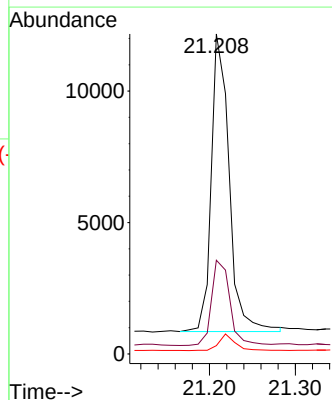
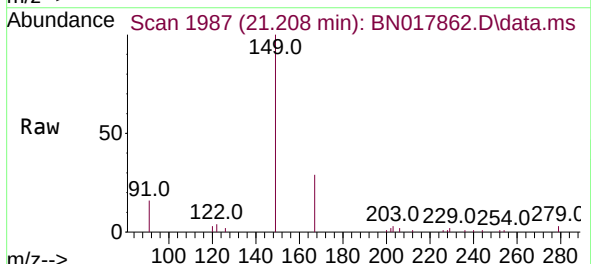
Instrument :
 BNA_N
 ClientSampleId :
 MW181S-20211201

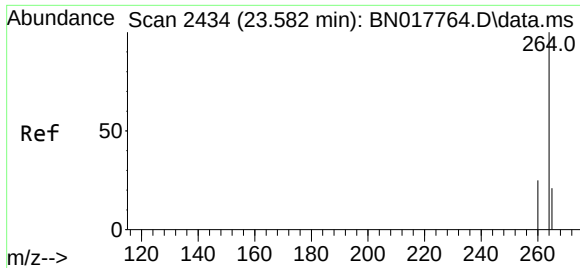
Tgt Ion:244 Resp: 109931
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 9.5 7.1 10.7



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.121 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. -0.011 min
 Lab File: BN017862.D
 Acq: 10 Dec 2021 09:30

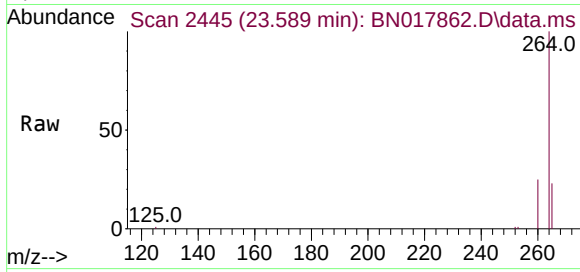
Tgt Ion:149 Resp: 16351
 Ion Ratio Lower Upper
 149 100
 167 29.5 23.5 35.3
 279 5.1 3.8 5.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.589 min Scan# 24
Delta R.T. 0.006 min
Lab File: BN017862.D
Acq: 10 Dec 2021 09:30

Instrument :
BNA_N
ClientSampleId :
MW181S-20211201



Tgt Ion:264 Resp: 64599

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	22.9	20.5	30.7

