

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017861.D
 Acq On : 10 Dec 2021 08:54
 Operator : CG/JU
 Sample : M4923-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20211201

Quant Time: Dec 11 00:34:52 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)

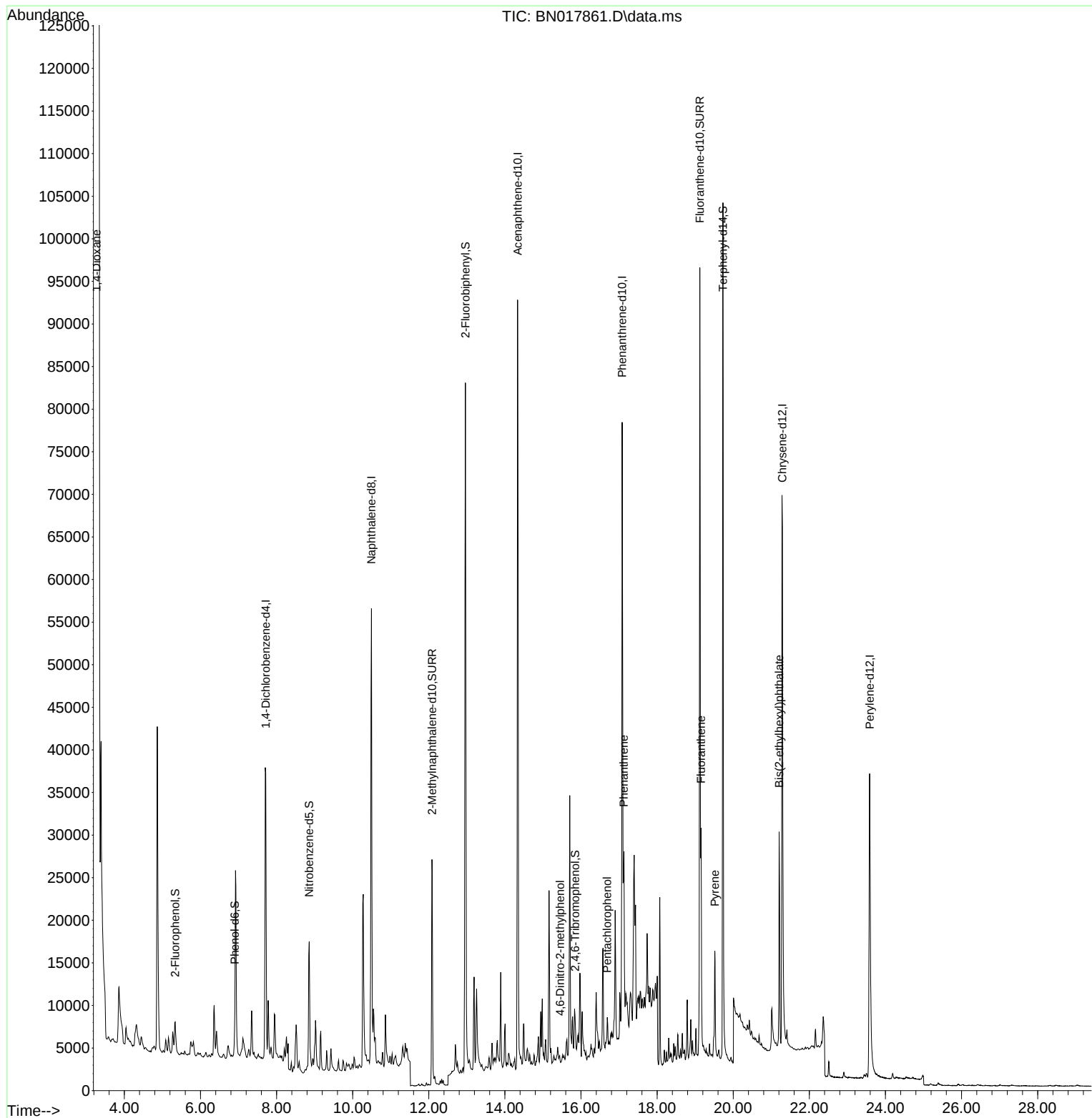
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	19266	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	82242	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	55122	0.400	ng	-0.01
19) Phenanthrene-d10	17.080	188	108842	0.400	ng	#-0.01
29) Chrysene-d12	21.293	240	92447	0.400	ng	# 0.01
35) Perylene-d12	23.585	264	65658	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	4565	0.098	ng	0.00
5) Phenol-d6	6.903	99	2911	0.066	ng	0.00
8) Nitrobenzene-d5	8.859	82	16154	0.295	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	40039	0.244	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	5266	0.183	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	67148	0.333	ng	0.00
27) Fluoranthene-d10	19.124	212	116578	0.320	ng	0.00
31) Terphenyl-d14	19.730	244	117741	0.593	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	96014	13.539	ng	# 100
20) 4,6-Dinitro-2-methylph...	15.451	198	22	0.101	ng	# 1
24) Pentachlorophenol	16.691	266	4	0.280	ng	# 1
25) Phenanthrene	17.129	178	22236	0.078	ng	96
28) Fluoranthene	19.154	202	22141	0.064	ng	99
30) Pyrene	19.516	202	12167	0.042	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.208	149	26395	0.205	ng	100

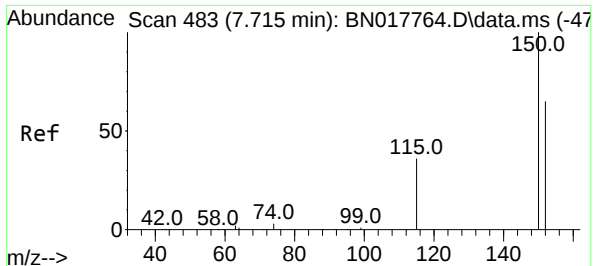
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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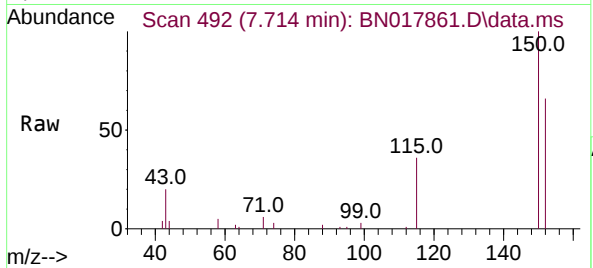
Quant Time: Dec 11 00:34:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
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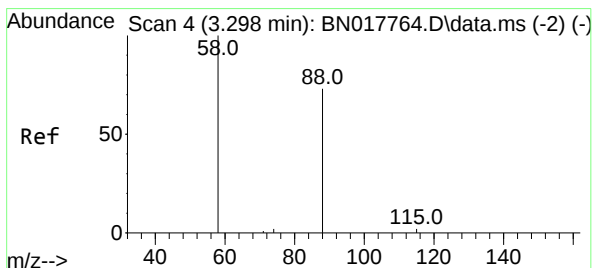
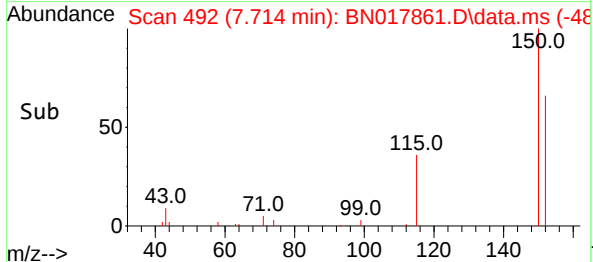
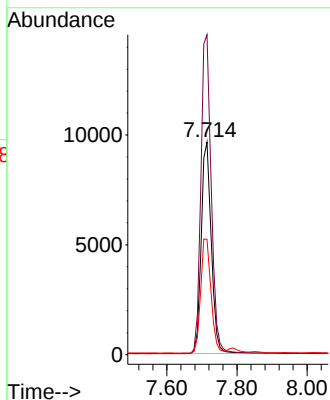


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.714 min Scan# 492
 Delta R.T. -0.001 min
 Lab File: BN017861.D
 Acq: 10 Dec 2021 08:54

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20211201

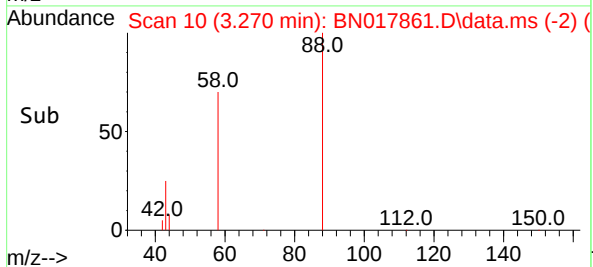
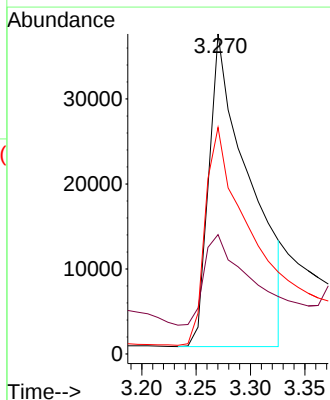
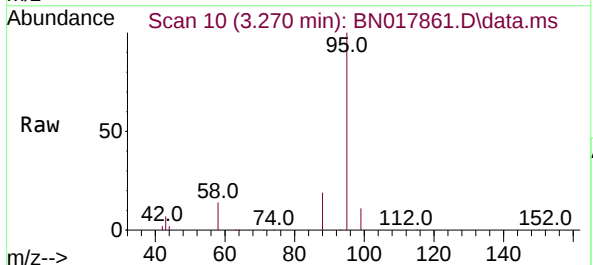


Tgt Ion: 152 Resp: 19266
 Ion Ratio Lower Upper
 152 100
 150 150.5 123.0 184.4
 115 54.2 45.3 67.9



#2
 1,4-Dioxane
 Concen: 13.539 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.028 min
 Lab File: BN017861.D
 Acq: 10 Dec 2021 08:54

Tgt Ion: 88 Resp: 96014
 Ion Ratio Lower Upper
 88 100
 43 31.2 0.0 0.0#
 58 74.0 0.0 0.0#

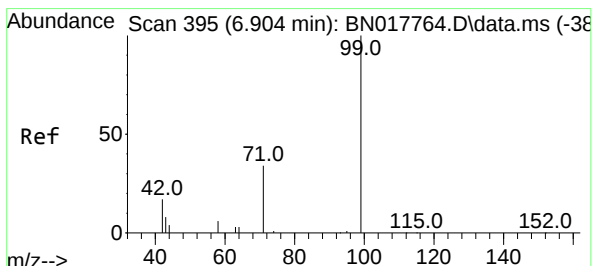
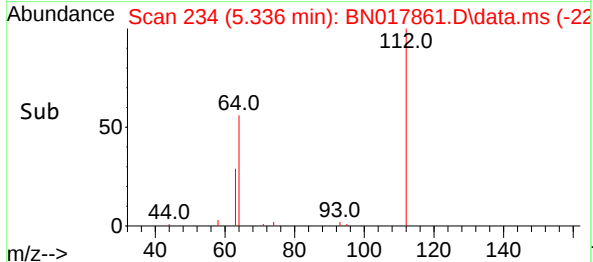
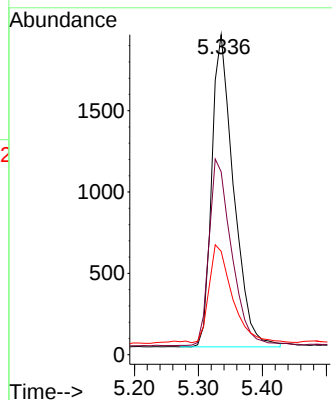
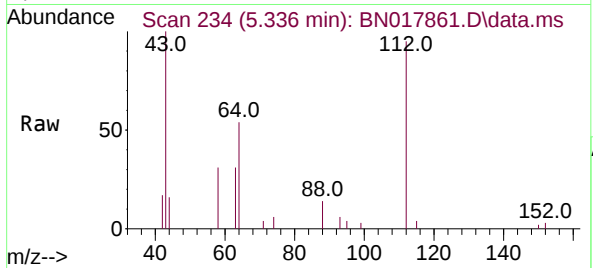




#4
2-Fluorophenol
Concen: 0.098 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

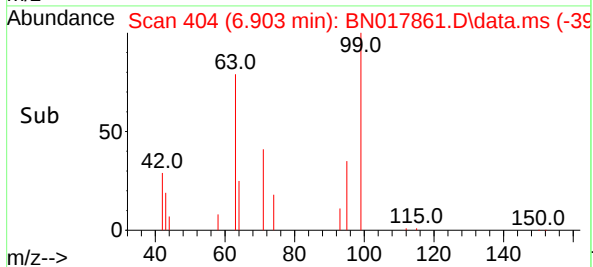
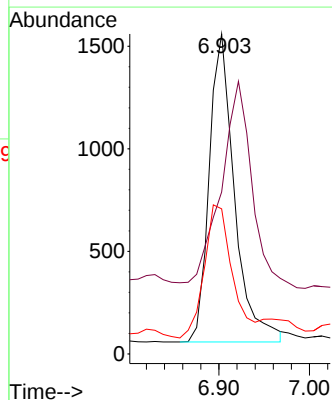
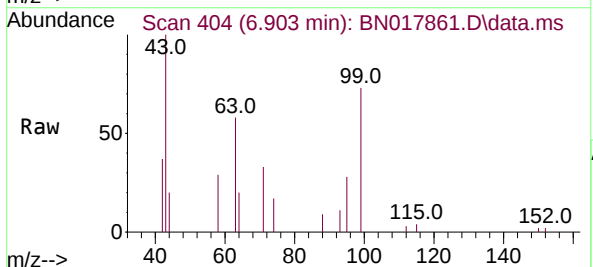
Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201

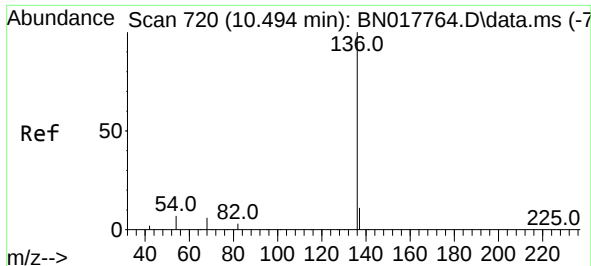
Tgt Ion:112 Resp: 4565
Ion Ratio Lower Upper
112 100
64 61.6 49.3 73.9
63 33.1 25.8 38.8



#5
Phenol-d6
Concen: 0.066 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.001 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

Tgt Ion: 99 Resp: 2911
Ion Ratio Lower Upper
99 100
42 0.0 16.6 25.0#
71 47.9 29.0 43.4#

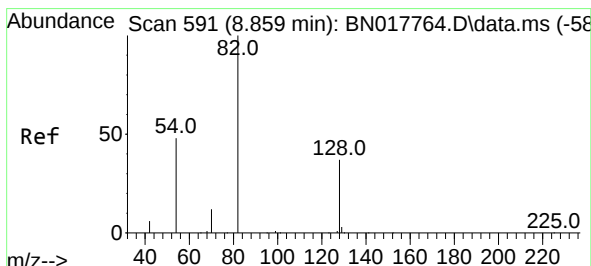
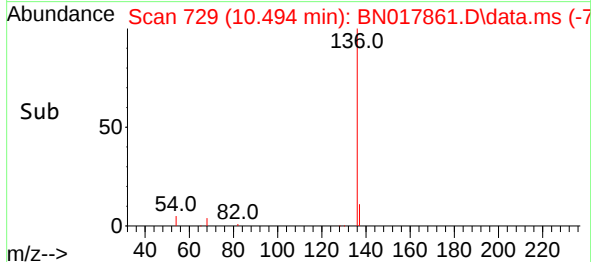
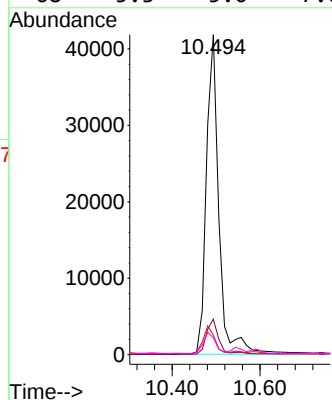
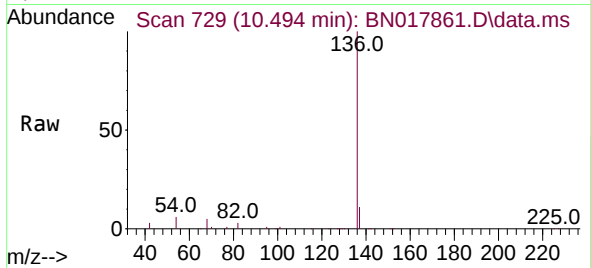




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 71
Delta R.T. -0.001 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

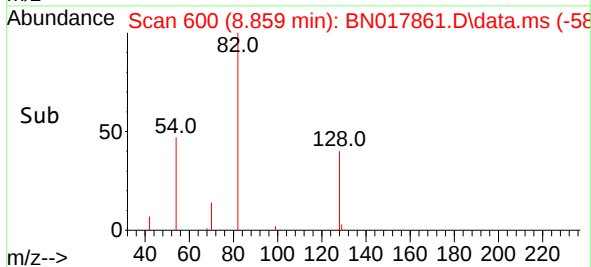
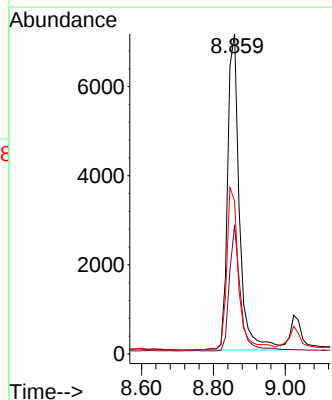
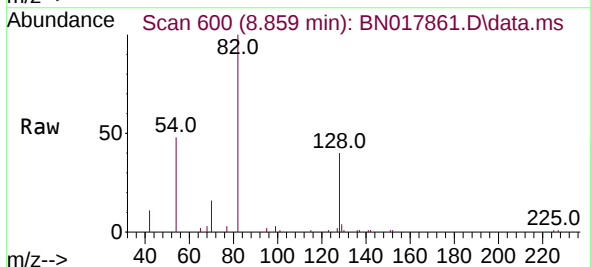
Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201

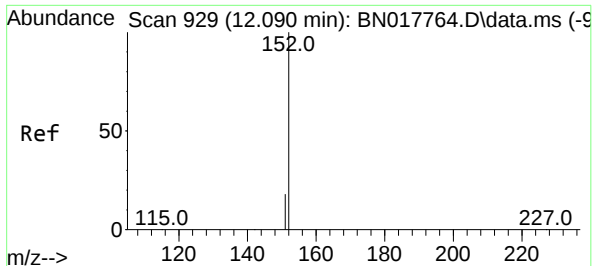
Tgt Ion:	136	Resp:	82242
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	6.1	5.9	8.9
68	5.3	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.001 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

Tgt Ion:	82	Resp:	16154
Ion Ratio	Lower	Upper	
82	100		
128	40.3	30.2	45.2
54	47.7	39.0	58.6





#11

2-Methylnaphthalene-d10

Concen: 0.244 ng

RT: 12.085 min Scan# 91

Delta R.T. -0.005 min

Lab File: BN017861.D

Acq: 10 Dec 2021 08:54

Instrument :

BNA_N

ClientSampleId :

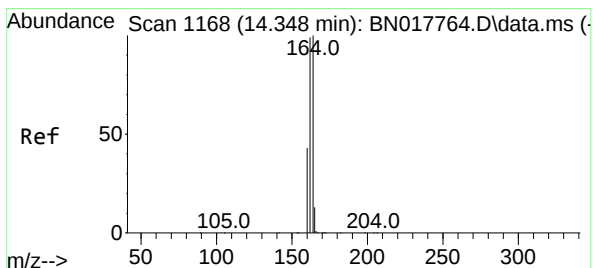
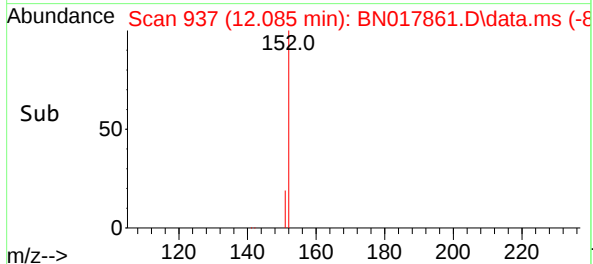
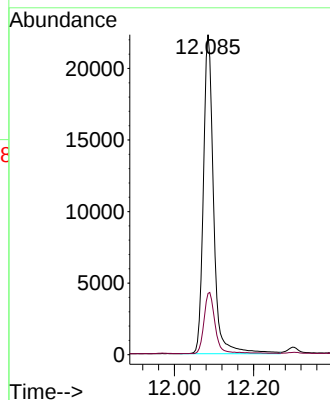
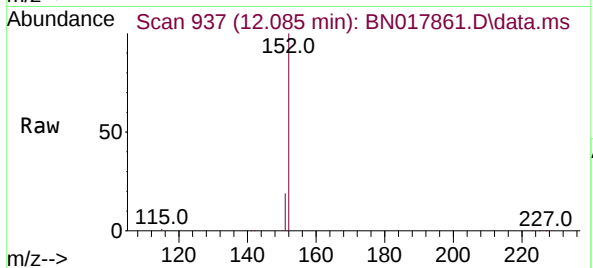
RE120D1-20211201

Tgt Ion:152 Resp: 40039

Ion Ratio Lower Upper

152 100

151 21.0 16.4 24.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.334 min Scan# 1176

Delta R.T. -0.013 min

Lab File: BN017861.D

Acq: 10 Dec 2021 08:54

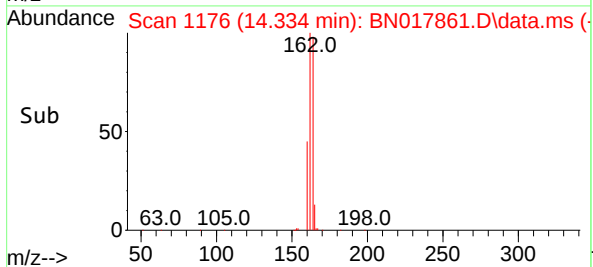
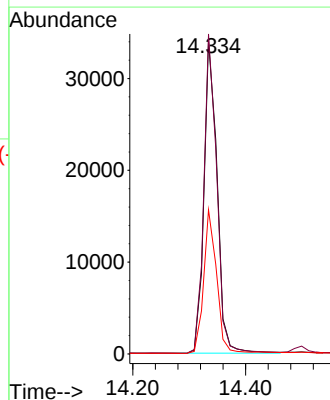
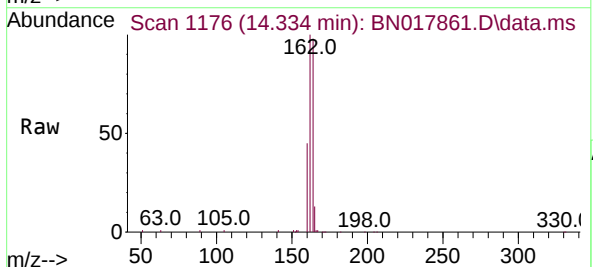
Tgt Ion:164 Resp: 55122

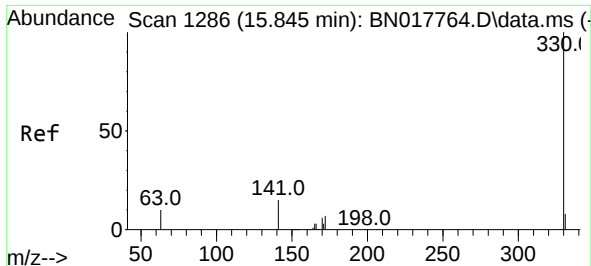
Ion Ratio Lower Upper

164 100

162 102.3 79.0 118.6

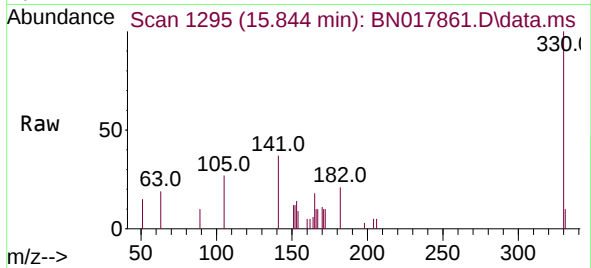
160 46.1 34.6 52.0



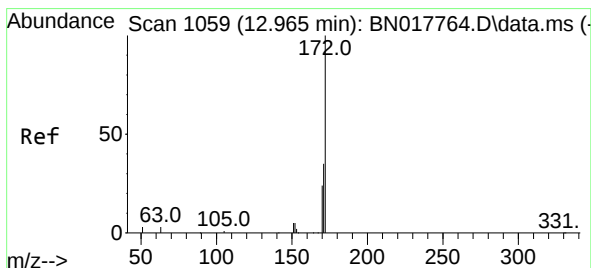
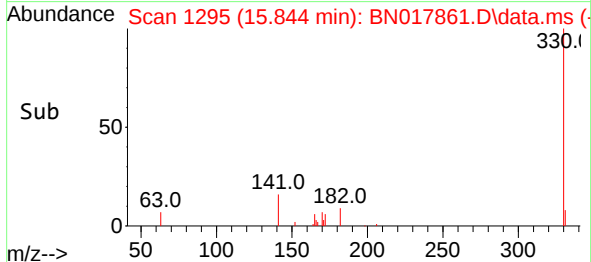
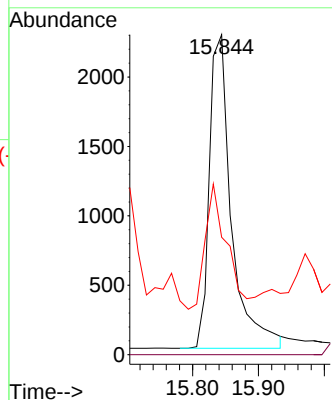


#14
2,4,6-Tribromophenol
Concen: 0.183 ng
RT: 15.844 min Scan# 11
Delta R.T. -0.001 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201

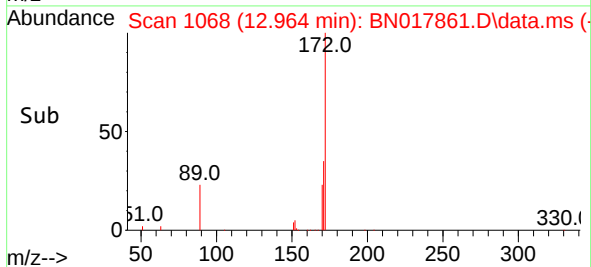
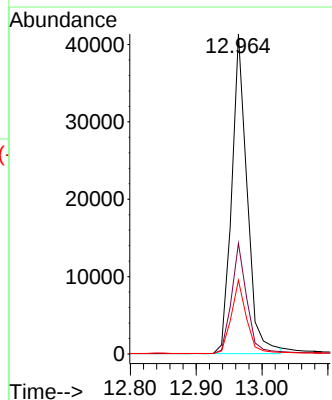
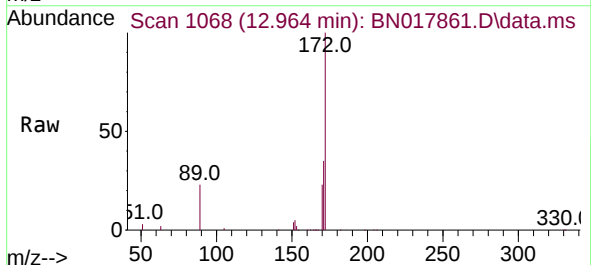


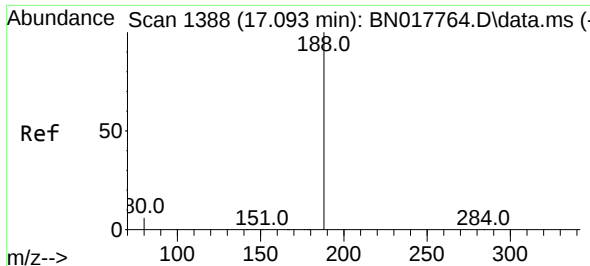
Tgt Ion:330 Resp: 5266
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.8 21.5 32.3#



#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.001 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

Tgt Ion:172 Resp: 67148
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.1 18.9 28.3

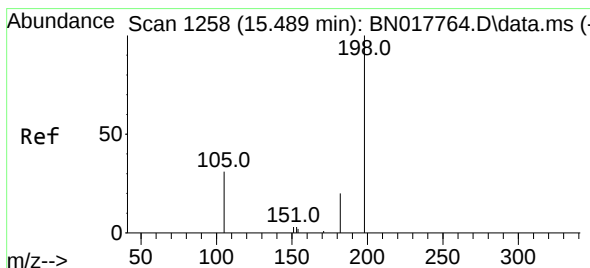
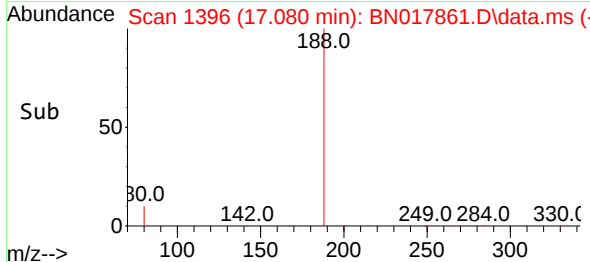
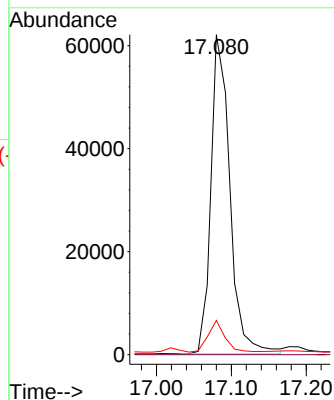
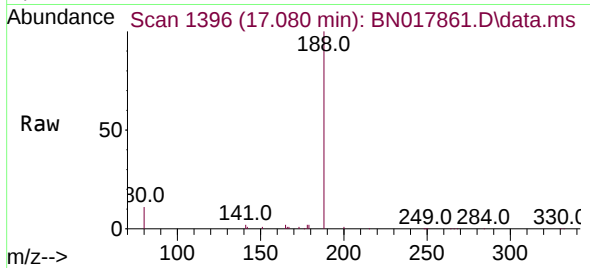




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

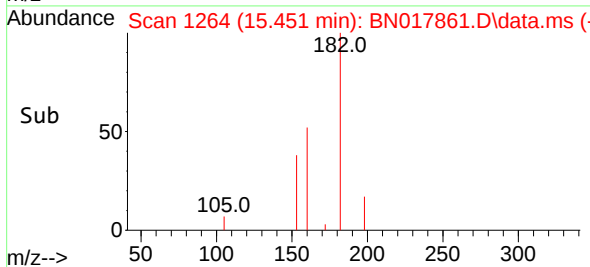
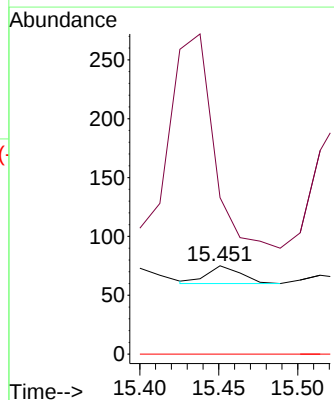
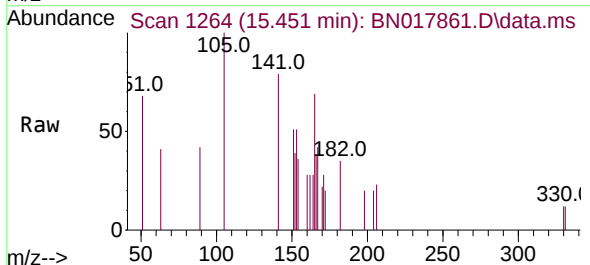
Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201

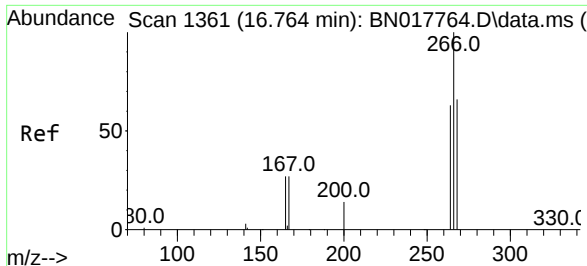
Tgt Ion:188 Resp: 108842
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.7 5.1 7.7#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.101 ng
RT: 15.451 min Scan# 1264
Delta R.T. -0.038 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

Tgt Ion:198 Resp: 22
Ion Ratio Lower Upper
198 100
182 177.3 44.2 66.2#
77 0.0 0.0 0.0

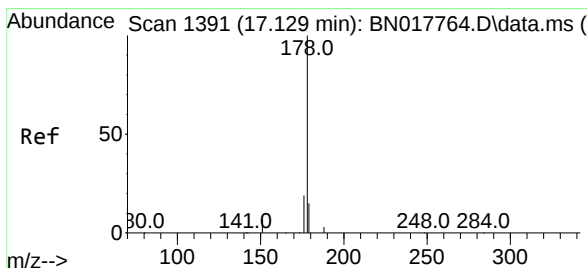
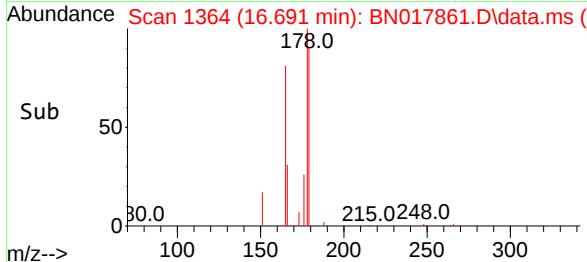
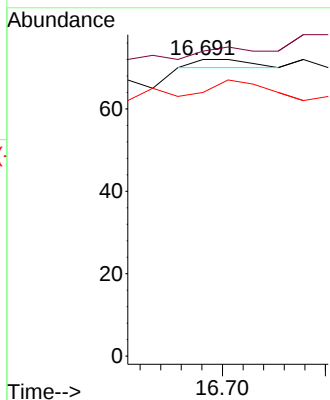
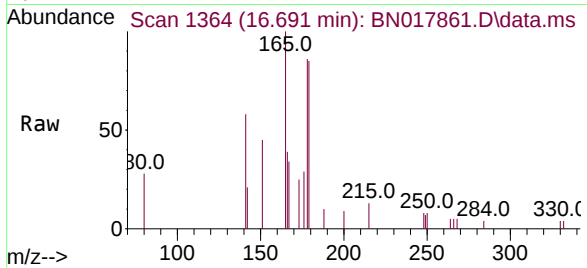




#24
Pentachlorophenol
Concen: 0.280 ng
RT: 16.691 min Scan# 11
Delta R.T. -0.073 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

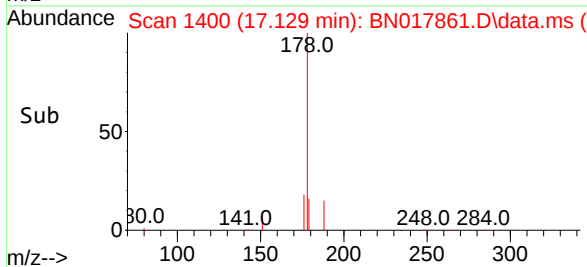
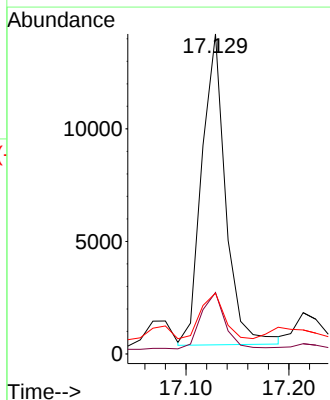
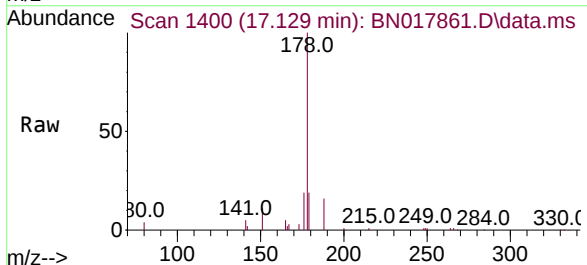
Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201

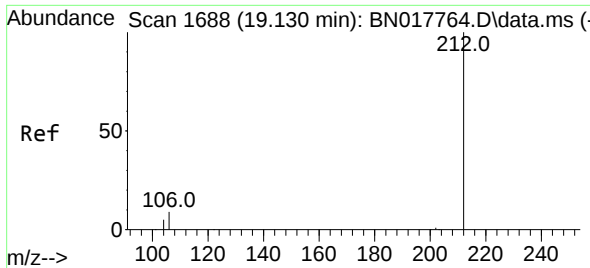
Tgt Ion:266 Resp: 4
Ion Ratio Lower Upper
266 100
264 0.0 50.8 76.2#
268 225.0 51.8 77.6#



#25
Phenanthrene
Concen: 0.078 ng
RT: 17.129 min Scan# 1400
Delta R.T. -0.001 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

Tgt Ion:178 Resp: 22236
Ion Ratio Lower Upper
178 100
176 21.1 15.0 22.6
179 14.9 12.5 18.7

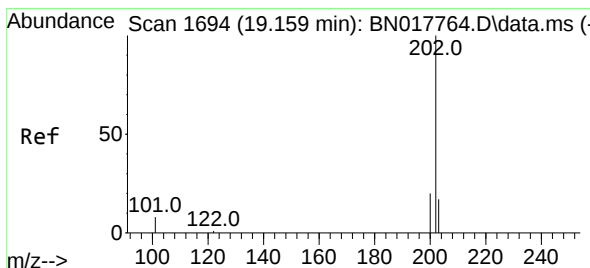
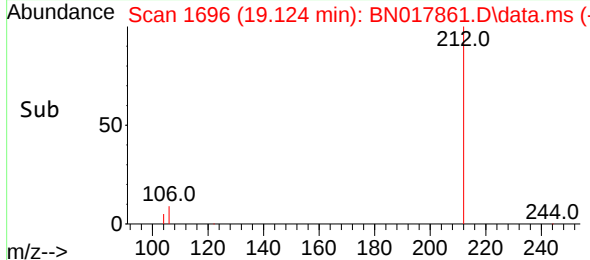
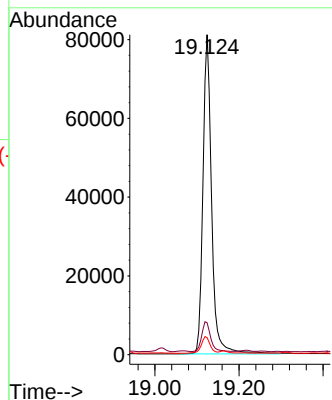
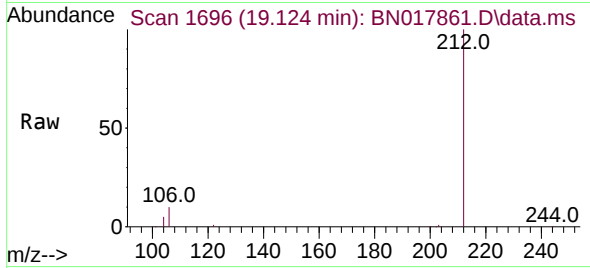




#27
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.124 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

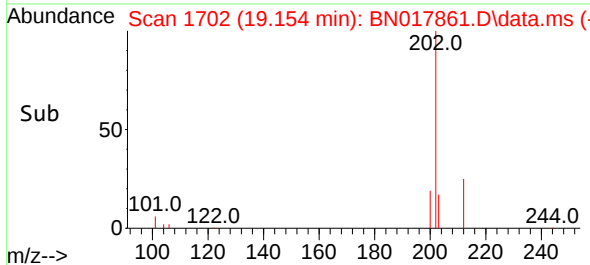
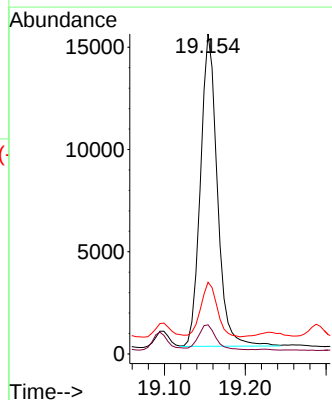
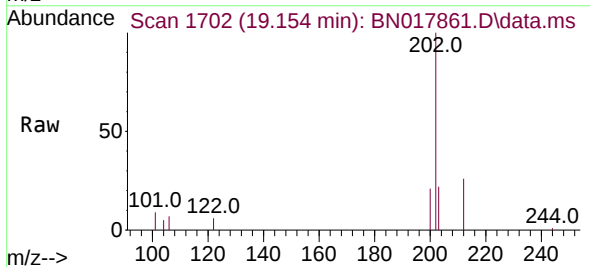
Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201

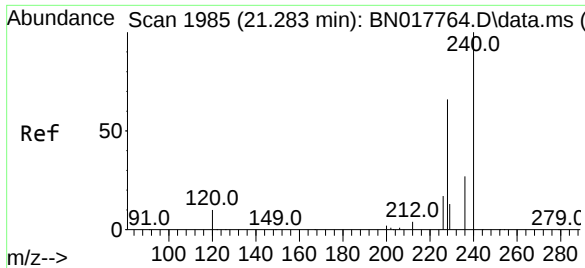
Tgt Ion:212 Resp: 116578
Ion Ratio Lower Upper
212 100
106 9.6 8.2 12.2
104 5.3 4.6 6.8



#28
Fluoranthene
Concen: 0.064 ng
RT: 19.154 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

Tgt Ion:202 Resp: 22141
Ion Ratio Lower Upper
202 100
101 8.5 7.2 10.8
203 17.2 13.7 20.5

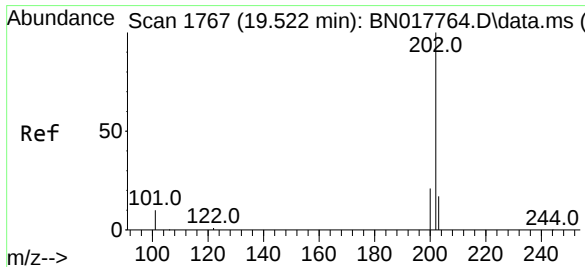
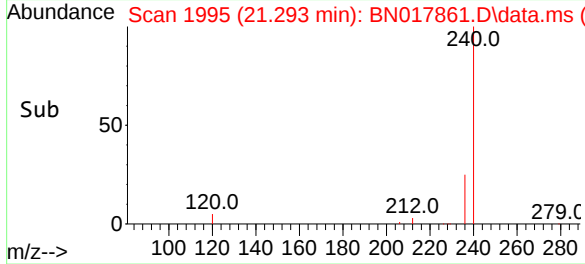
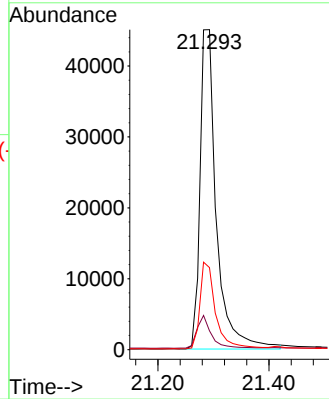
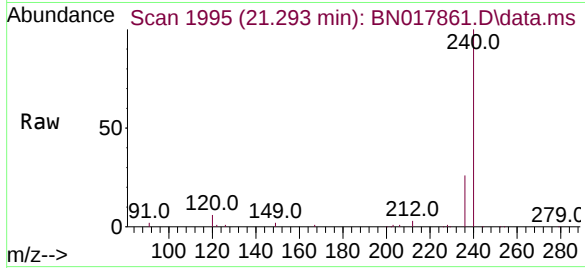




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1985
Delta R.T. 0.010 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

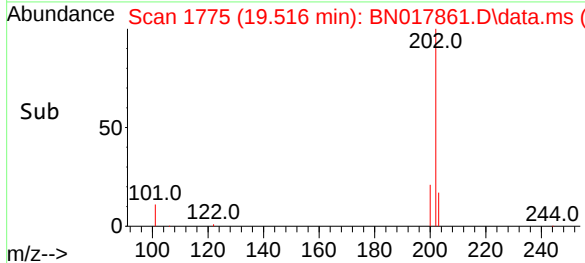
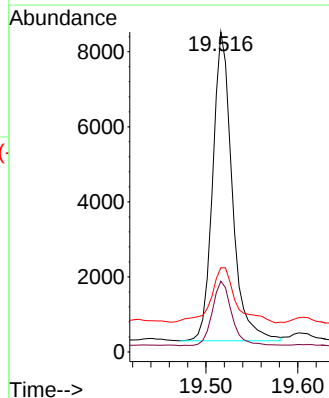
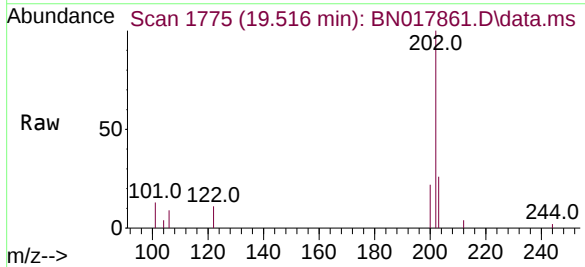
Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201

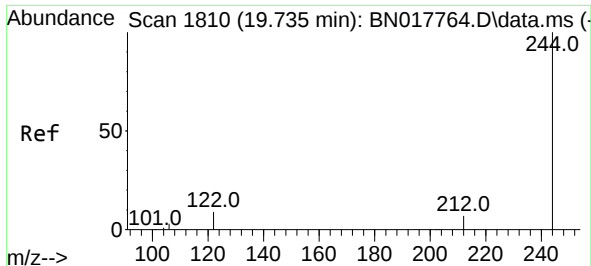
Tgt Ion:240 Resp: 92447
Ion Ratio Lower Upper
240 100
120 5.9 7.9 11.9#
236 25.7 21.4 32.2



#30
Pyrene
Concen: 0.042 ng
RT: 19.516 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BN017861.D
Acq: 10 Dec 2021 08:54

Tgt Ion:202 Resp: 12167
Ion Ratio Lower Upper
202 100
200 21.1 16.5 24.7
203 22.7 14.0 21.0#

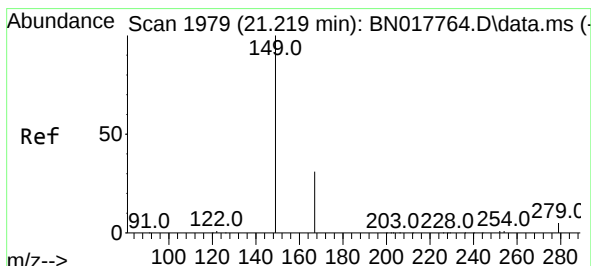
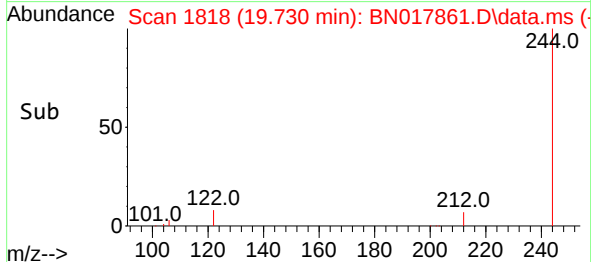
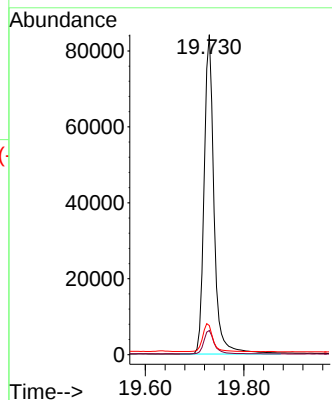
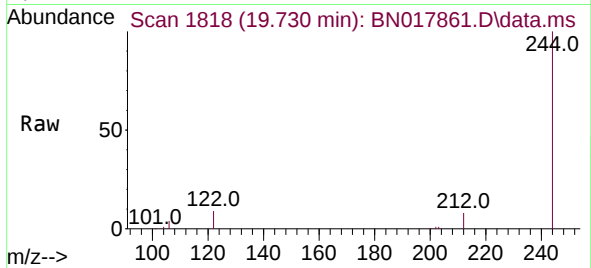




#31
 Terphenyl-d14
 Concen: 0.593 ng
 RT: 19.730 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BN017861.D
 Acq: 10 Dec 2021 08:54

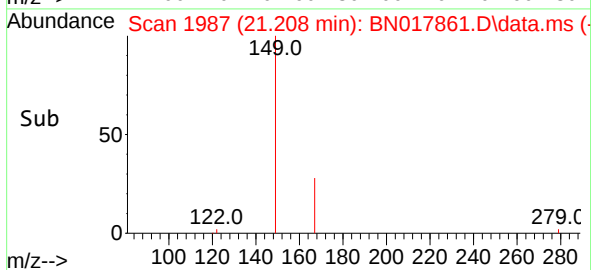
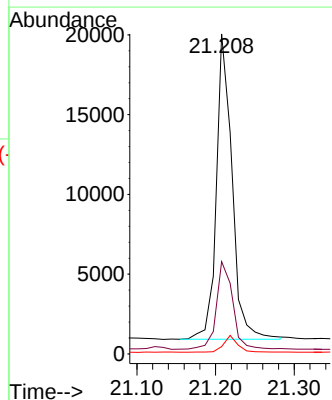
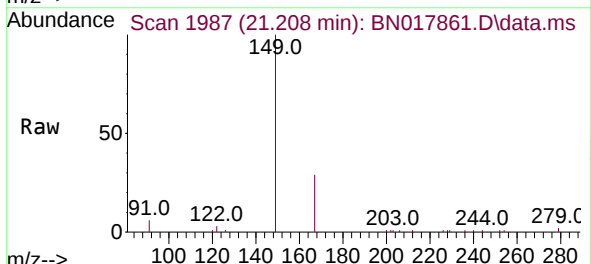
Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20211201

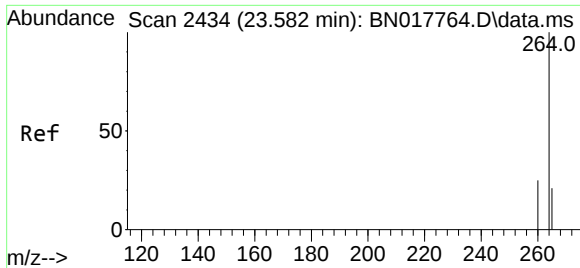
Tgt Ion:244 Resp: 117741
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 9.1 7.1 10.7



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.205 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. -0.011 min
 Lab File: BN017861.D
 Acq: 10 Dec 2021 08:54

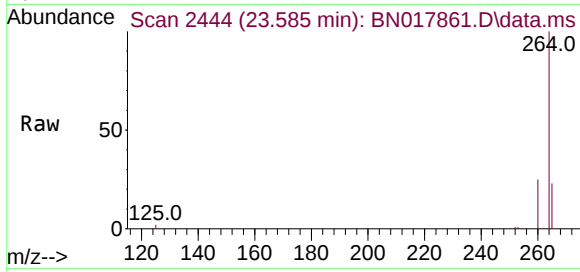
Tgt Ion:149 Resp: 26395
 Ion Ratio Lower Upper
 149 100
 167 29.5 23.5 35.3
 279 5.0 3.8 5.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.585 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: BN017861.D
 Acq: 10 Dec 2021 08:54

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20211201



Tgt Ion:264 Resp: 65658

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	22.8	20.5	30.7

