

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031122\
 Data File : BN018911.D
 Acq On : 10 Mar 2022 20:13
 Operator : CG/JU
 Sample : N1814-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DTW-3

Quant Time: Mar 11 03:05:20 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN030322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 03:02:57 2022
 Response via : Initial Calibration

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

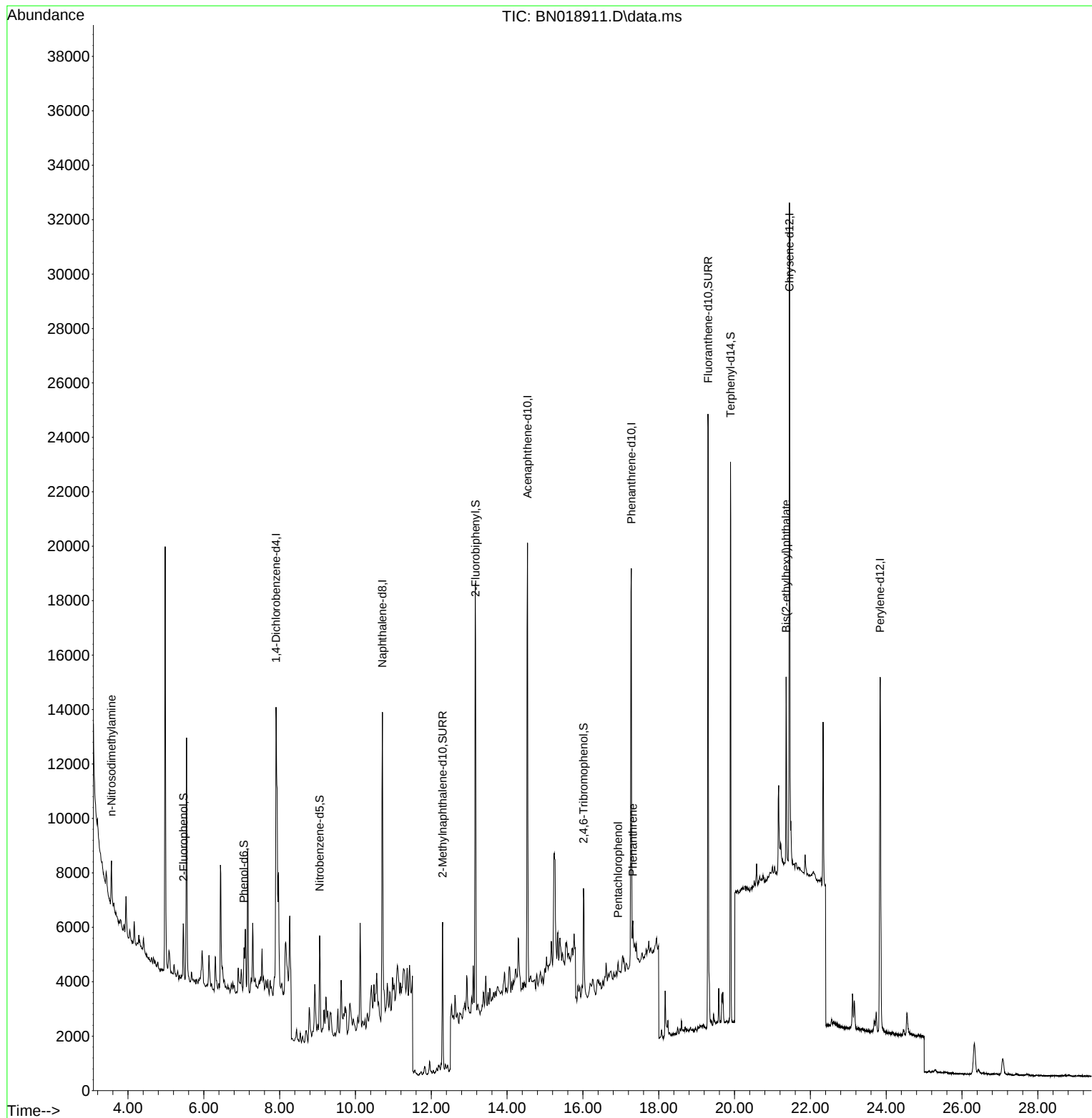
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	4949	0.400	ng	0.00
7) Naphthalene-d8	10.712	136	14965	0.400	ng	# 0.00
13) Acenaphthene-d10	14.538	164	10223	0.400	ng	0.00
19) Phenanthrene-d10	17.277	188	21034	0.400	ng	0.00
29) Chrysene-d12	21.449	240	20589	0.400	ng	# 0.00
35) Perylene-d12	23.840	264	19044	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	1784	0.165	ng	0.00
5) Phenol-d6	7.060	99	1430	0.110	ng	0.00
8) Nitrobenzene-d5	9.057	82	3177	0.291	ng	0.00
11) 2-Methylnaphthalene-d10	12.299	152	7512	0.308	ng	0.00
14) 2,4,6-Tribromophenol	16.015	330	2100	0.446	ng	-0.01
15) 2-Fluorobiphenyl	13.169	172	13126	0.300	ng	0.00
27) Fluoranthene-d10	19.303	212	24264	0.392	ng	0.00
31) Terphenyl-d14	19.893	244	20459	0.465	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.564	42	314	0.054	ng	# 1
24) Pentachlorophenol	16.928	266	290	0.263	ng	92
25) Phenanthrene	17.318	178	1642	0.024	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.360	149	6035	0.126	ng	# 98

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

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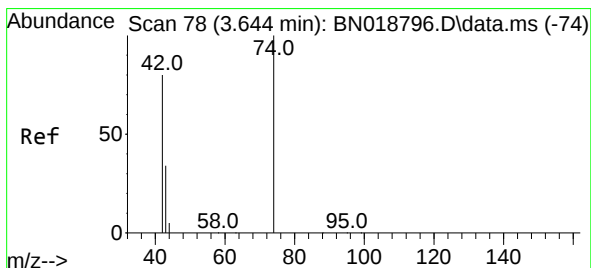
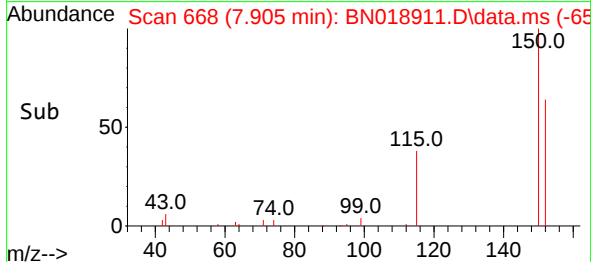
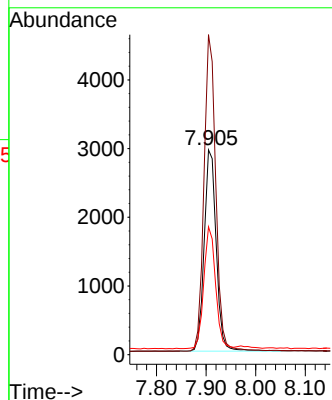
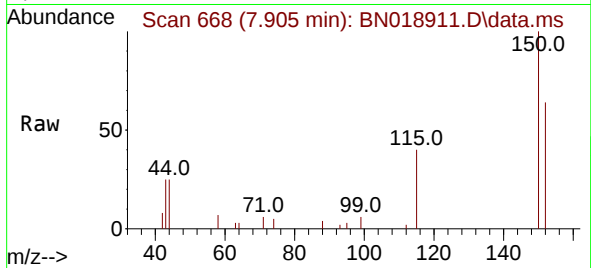




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.905 min Scan# 60
Delta R.T. -0.007 min
Lab File: BN018911.D
Acq: 10 Mar 2022 20:13

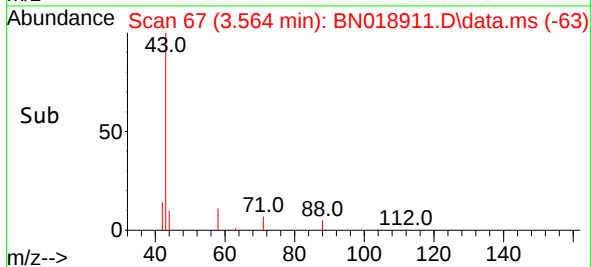
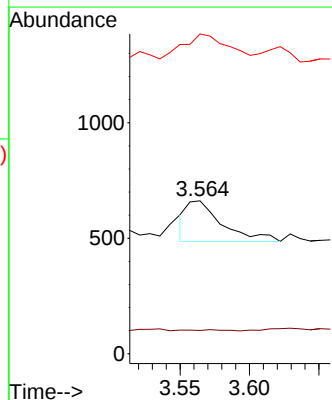
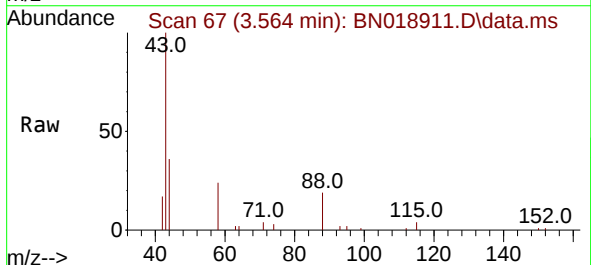
Instrument :
BNA_N
ClientSampleId :
DTW-3

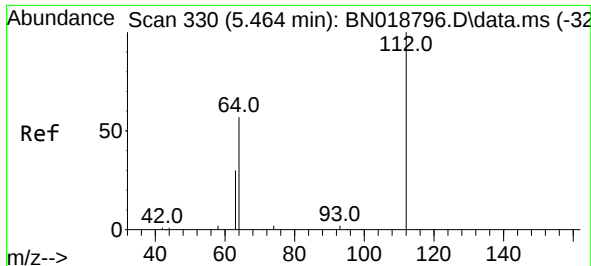
Tgt Ion:152 Resp: 4949
Ion Ratio Lower Upper
152 100
150 156.2 123.9 185.9
115 62.4 48.2 72.4



#3
n-Nitrosodimethylamine
Concen: 0.054 ng
RT: 3.564 min Scan# 67
Delta R.T. -0.072 min
Lab File: BN018911.D
Acq: 10 Mar 2022 20:13

Tgt Ion: 42 Resp: 314
Ion Ratio Lower Upper
42 100
74 0.0 96.9 145.3#
44 46.5 7.3 10.9#

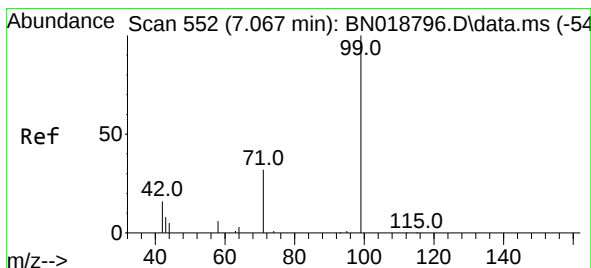
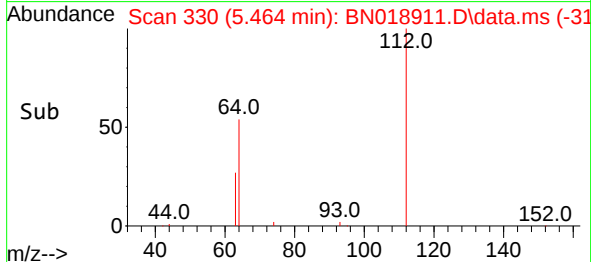
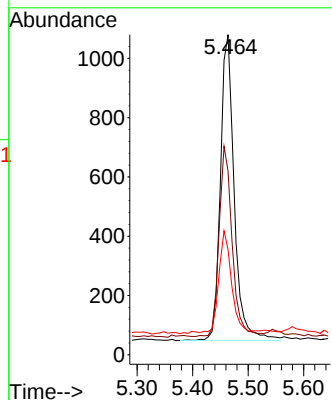
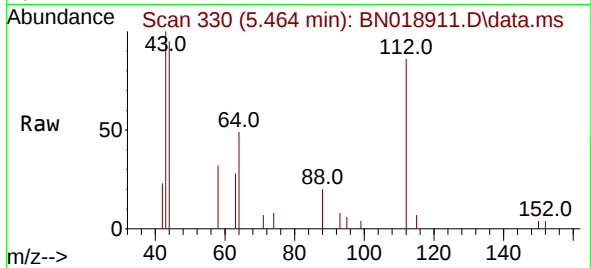




#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.464 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN018911.D
Acq: 10 Mar 2022 20:13

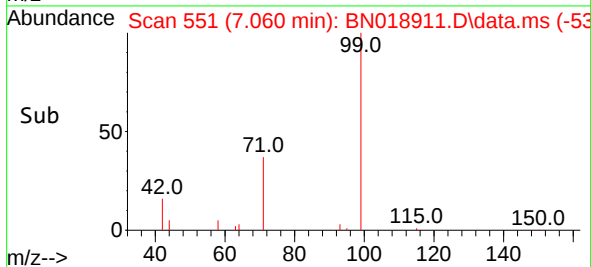
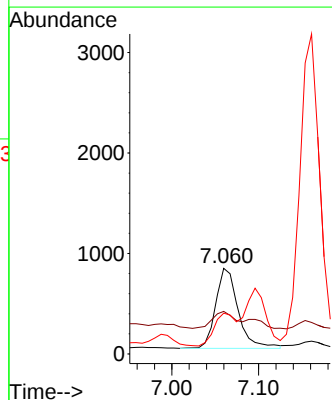
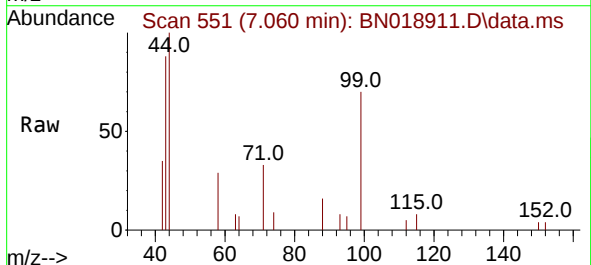
Instrument :
BNA_N
ClientSampleId :
DTW-3

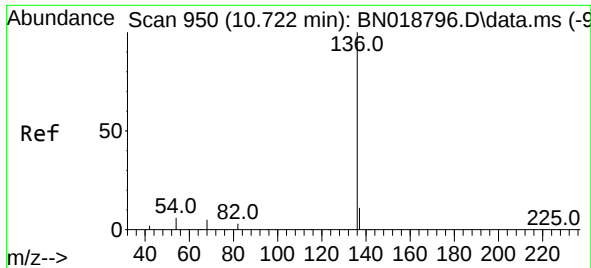
Tgt Ion:	112	Resp:	1784
Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.8	71.8
63	30.3	25.7	38.5



#5
Phenol-d6
Concen: 0.110 ng
RT: 7.060 min Scan# 551
Delta R.T. -0.000 min
Lab File: BN018911.D
Acq: 10 Mar 2022 20:13

Tgt Ion:	99	Resp:	1430
Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.2	24.4
71	38.7	27.7	41.5

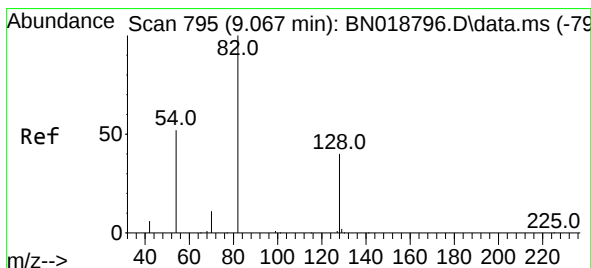
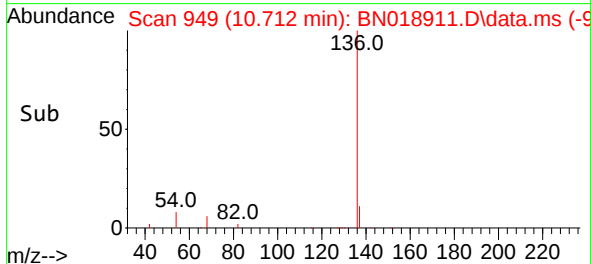
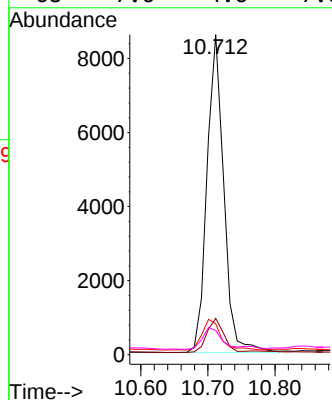
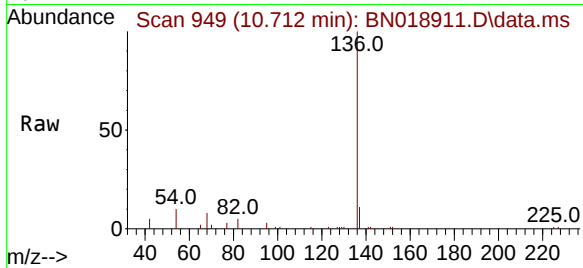




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.712 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN018911.D
Acq: 10 Mar 2022 20:13

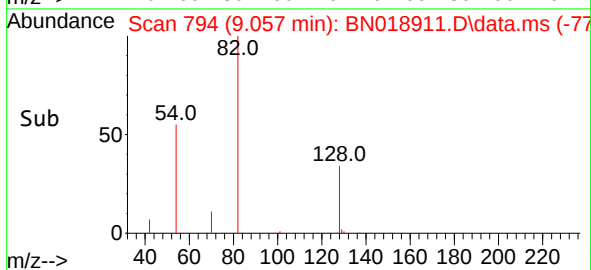
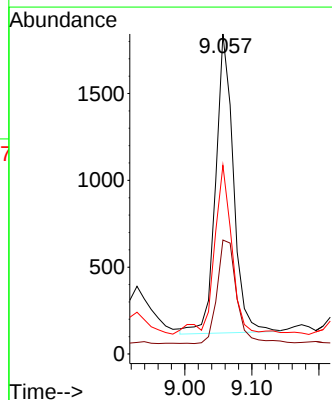
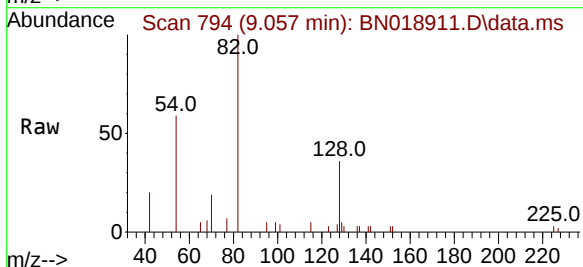
Instrument :
BNA_N
ClientSampleId :
DTW-3

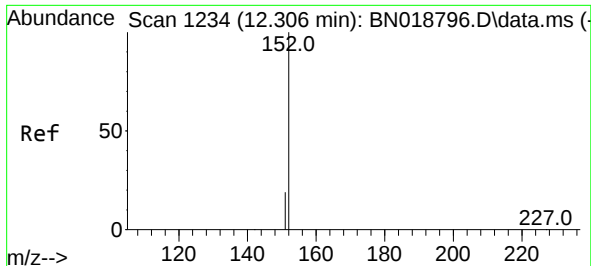
Tgt Ion:	136	Resp:	14965
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	9.7	5.8	8.6#
68	7.6	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.291 ng
RT: 9.057 min Scan# 794
Delta R.T. -0.000 min
Lab File: BN018911.D
Acq: 10 Mar 2022 20:13

Tgt Ion:	82	Resp:	3177
Ion Ratio	Lower	Upper	
82	100		
128	35.6	33.0	49.6
54	59.0	42.5	63.7





#11

2-Methylnaphthalene-d10

Concen: 0.308 ng

RT: 12.299 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN018911.D

Acq: 10 Mar 2022 20:13

Instrument :

BNA_N

ClientSampleId :

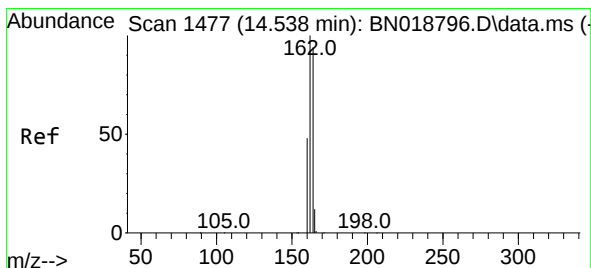
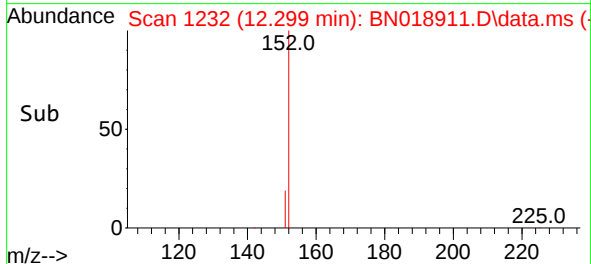
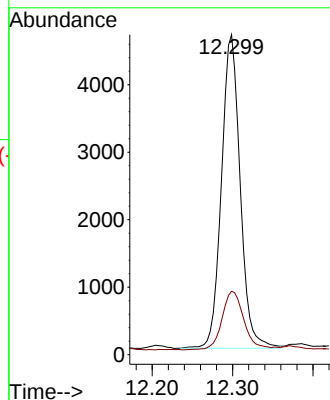
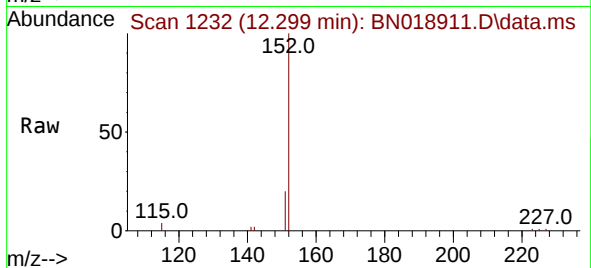
DTW-3

Tgt Ion:152 Resp: 7512

Ion Ratio Lower Upper

152 100

151 21.8 16.5 24.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.538 min Scan# 1477

Delta R.T. -0.000 min

Lab File: BN018911.D

Acq: 10 Mar 2022 20:13

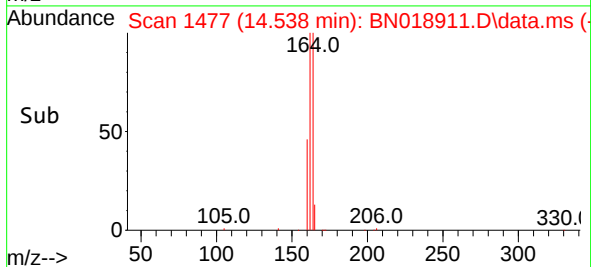
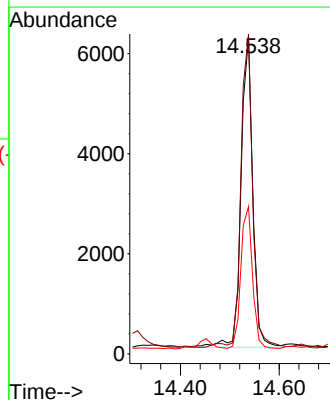
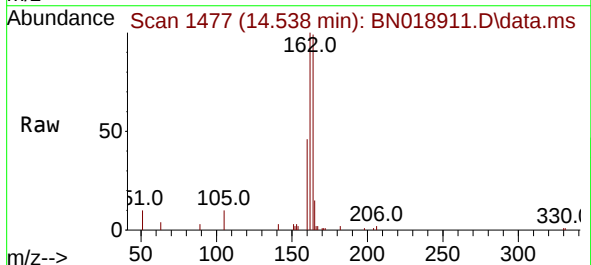
Tgt Ion:164 Resp: 10223

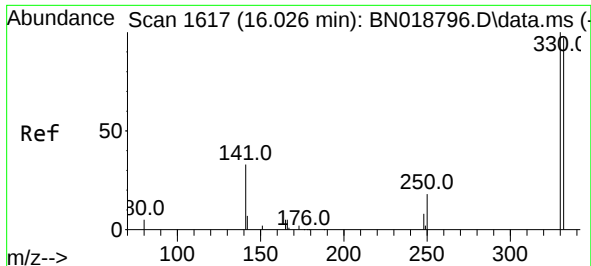
Ion Ratio Lower Upper

164 100

162 101.2 85.2 127.8

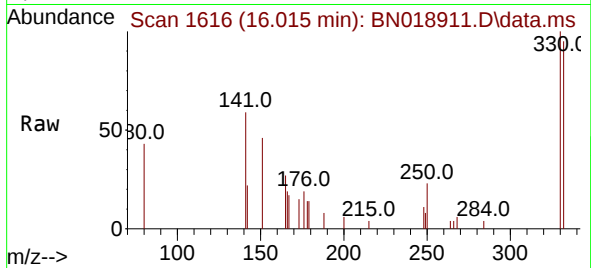
160 46.6 41.5 62.3



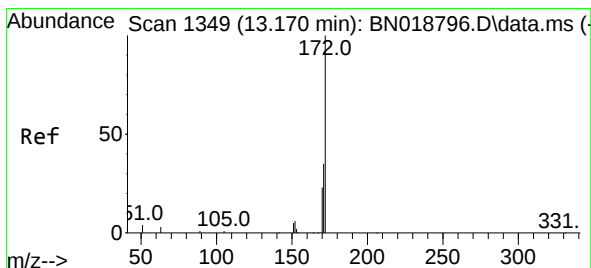
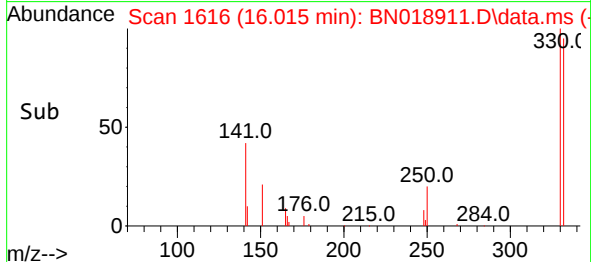
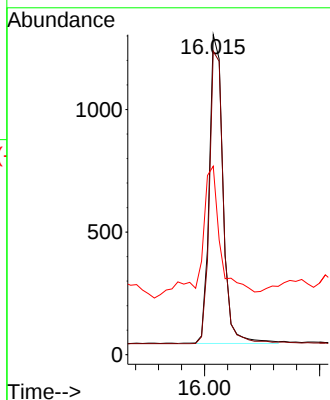


#14
2,4,6-Tribromophenol
Concen: 0.446 ng
RT: 16.015 min Scan# 1616
Delta R.T. -0.010 min
Lab File: BN018911.D
Acq: 10 Mar 2022 20:13

Instrument :
BNA_N
ClientSampleId :
DTW-3

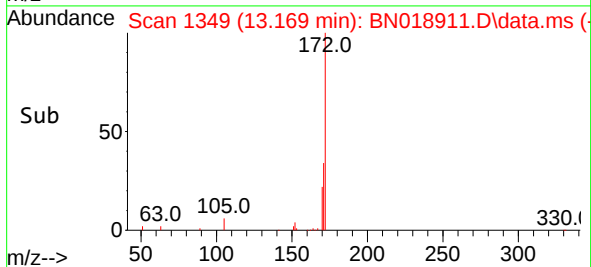
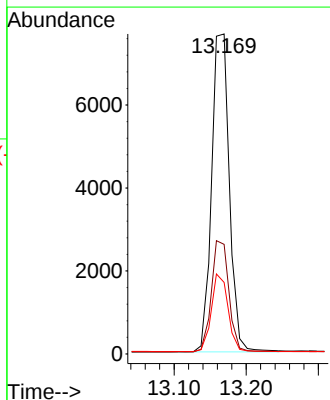
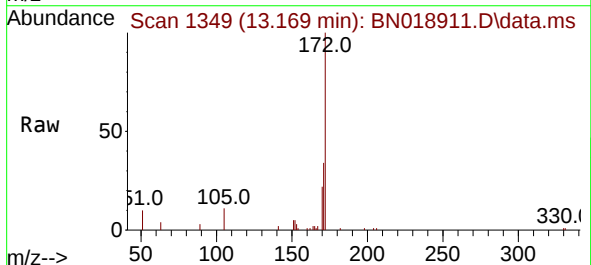


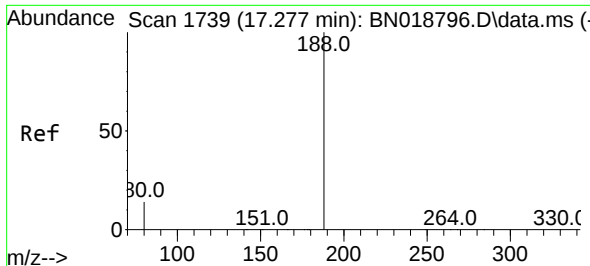
Tgt Ion:330 Resp: 2100
Ion Ratio Lower Upper
330 100
332 95.9 76.8 115.2
141 48.2 32.2 48.2



#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 13.169 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BN018911.D
Acq: 10 Mar 2022 20:13

Tgt Ion:172 Resp: 13126
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.2
170 22.3 18.7 28.1

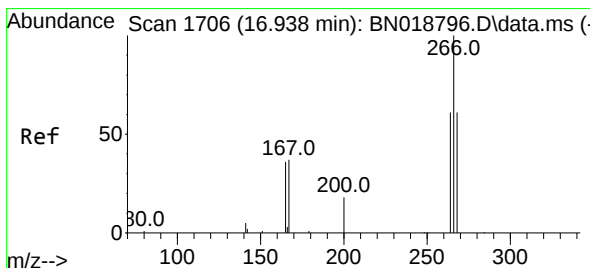
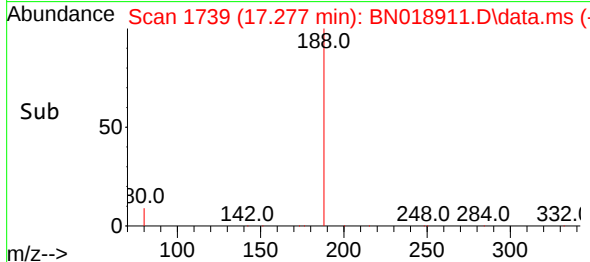
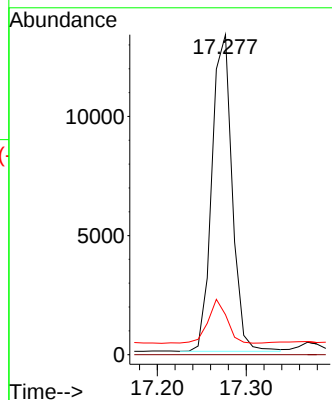
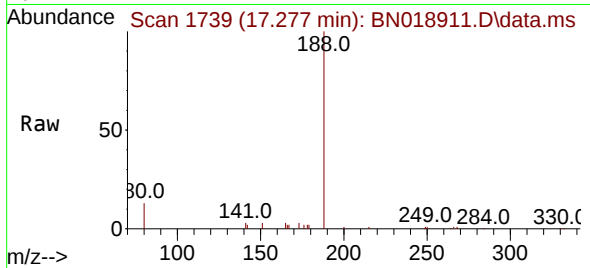




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.277 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN018911.D
Acq: 10 Mar 2022 20:13

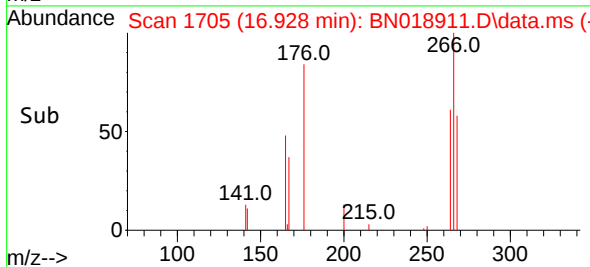
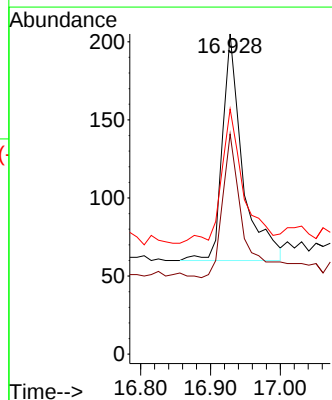
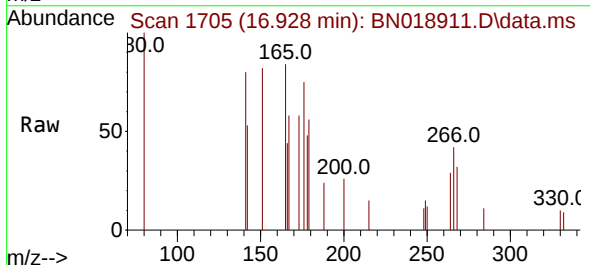
Instrument :
BNA_N
ClientSampleId :
DTW-3

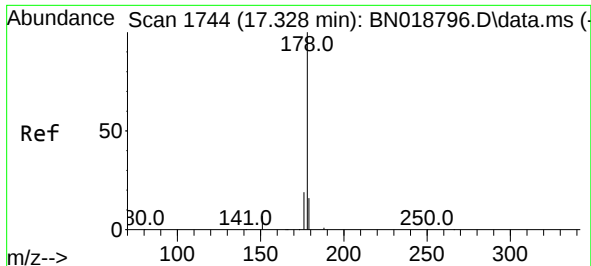
Tgt Ion:188 Resp: 21034
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 11.8 17.8



#24
Pentachlorophenol
Concen: 0.263 ng
RT: 16.928 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BN018911.D
Acq: 10 Mar 2022 20:13

Tgt Ion:266 Resp: 290
Ion Ratio Lower Upper
266 100
264 73.8 50.2 75.4
268 63.8 51.9 77.9

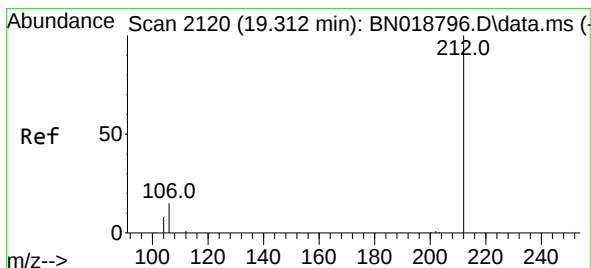
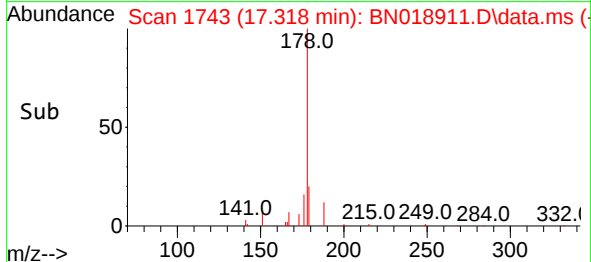
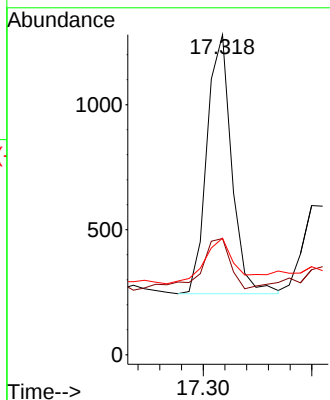
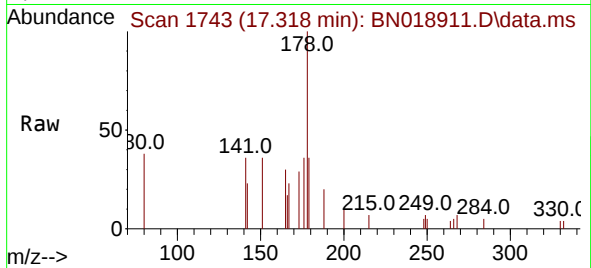




#25
Phenanthrene
Concen: 0.024 ng
RT: 17.318 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BN018911.D
Acq: 10 Mar 2022 20:13

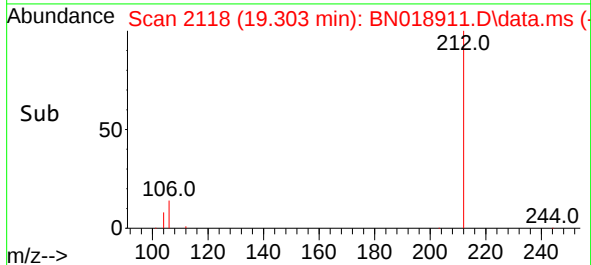
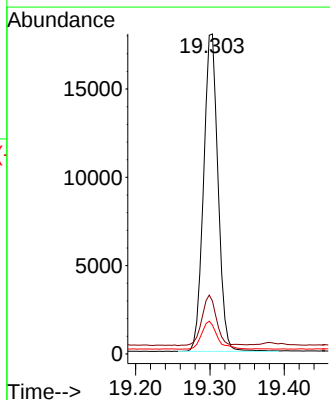
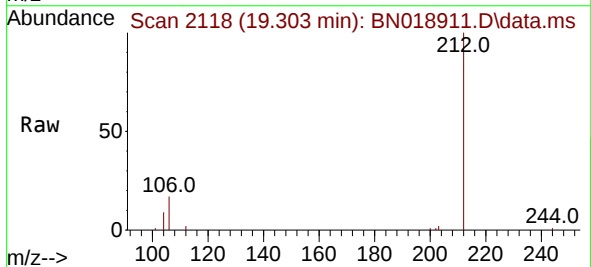
Instrument :
BNA_N
ClientSampleId :
DTW-3

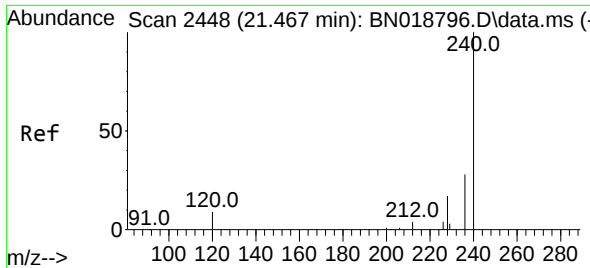
Tgt Ion:178 Resp: 1642
Ion Ratio Lower Upper
178 100
176 26.5 15.4 23.0#
179 22.8 12.2 18.2#



#27
Fluoranthene-d10
Concen: 0.392 ng
RT: 19.303 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BN018911.D
Acq: 10 Mar 2022 20:13

Tgt Ion:212 Resp: 24264
Ion Ratio Lower Upper
212 100
106 16.2 12.7 19.1
104 9.5 7.1 10.7

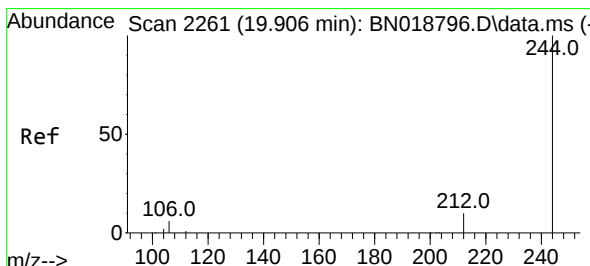
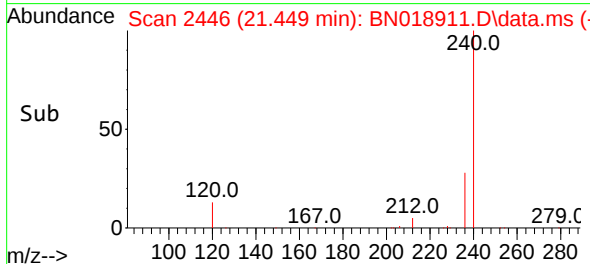
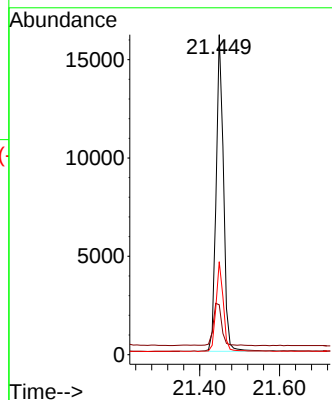
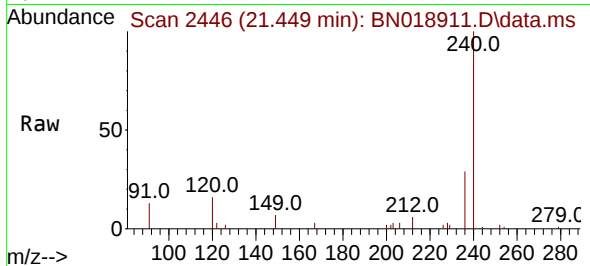




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.449 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BN018911.D
Acq: 10 Mar 2022 20:13

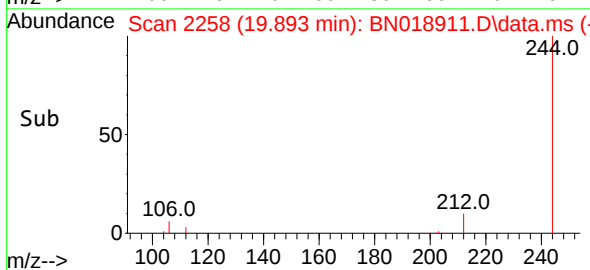
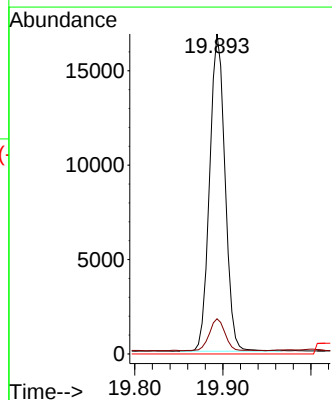
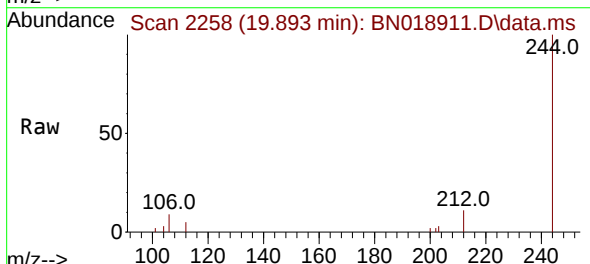
Instrument :
BNA_N
ClientSampleId :
DTW-3

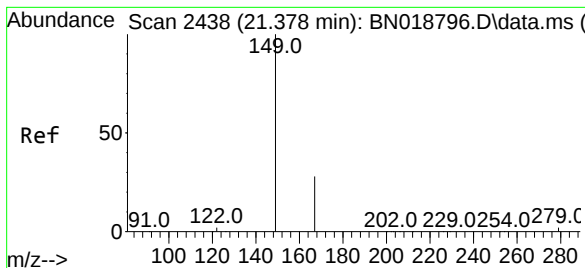
Tgt Ion:240 Resp: 20589
Ion Ratio Lower Upper
240 100
120 15.6 8.5 12.7#
236 29.1 22.4 33.6



#31
Terphenyl-d14
Concen: 0.465 ng
RT: 19.893 min Scan# 2258
Delta R.T. -0.004 min
Lab File: BN018911.D
Acq: 10 Mar 2022 20:13

Tgt Ion:244 Resp: 20459
Ion Ratio Lower Upper
244 100
212 11.0 8.2 12.4
122 0.0 0.0 0.0

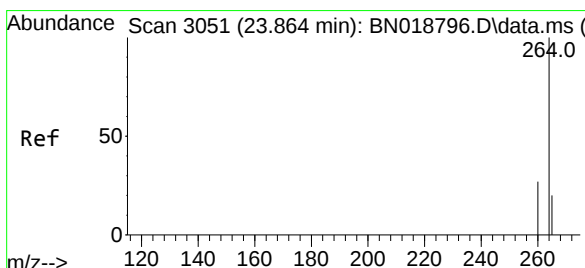
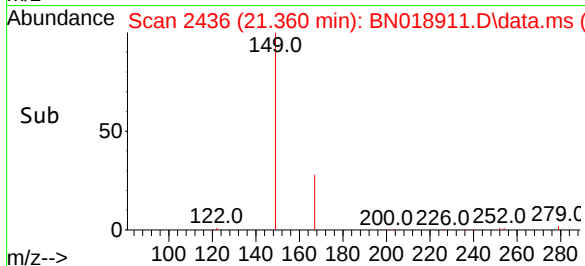
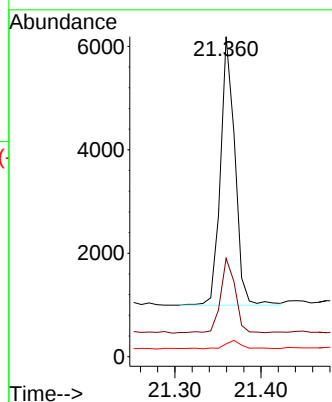
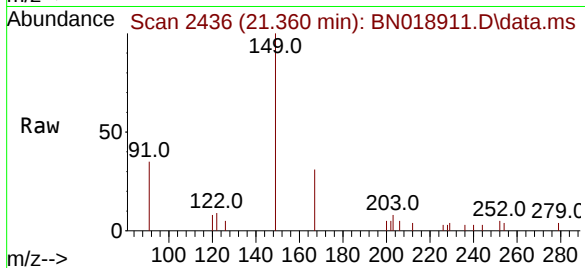




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.126 ng
 RT: 21.360 min Scan# 2436
 Delta R.T. -0.009 min
 Lab File: BN018911.D
 Acq: 10 Mar 2022 20:13

Instrument :
 BNA_N
 ClientSampleId :
 DTW-3

Tgt Ion:149 Resp: 6035
 Ion Ratio Lower Upper
 149 100
 167 28.4 21.8 32.8
 279 3.7 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.840 min Scan# 3043
 Delta R.T. -0.003 min
 Lab File: BN018911.D
 Acq: 10 Mar 2022 20:13

Tgt Ion:264 Resp: 19044
 Ion Ratio Lower Upper
 264 100
 260 28.2 22.4 33.6
 265 29.6 25.3 37.9

