

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121321\
 Data File : BN017972.D
 Acq On : 13 Dec 2021 15:06
 Operator : CG/JU
 Sample : M4956-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 14 03:41:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

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

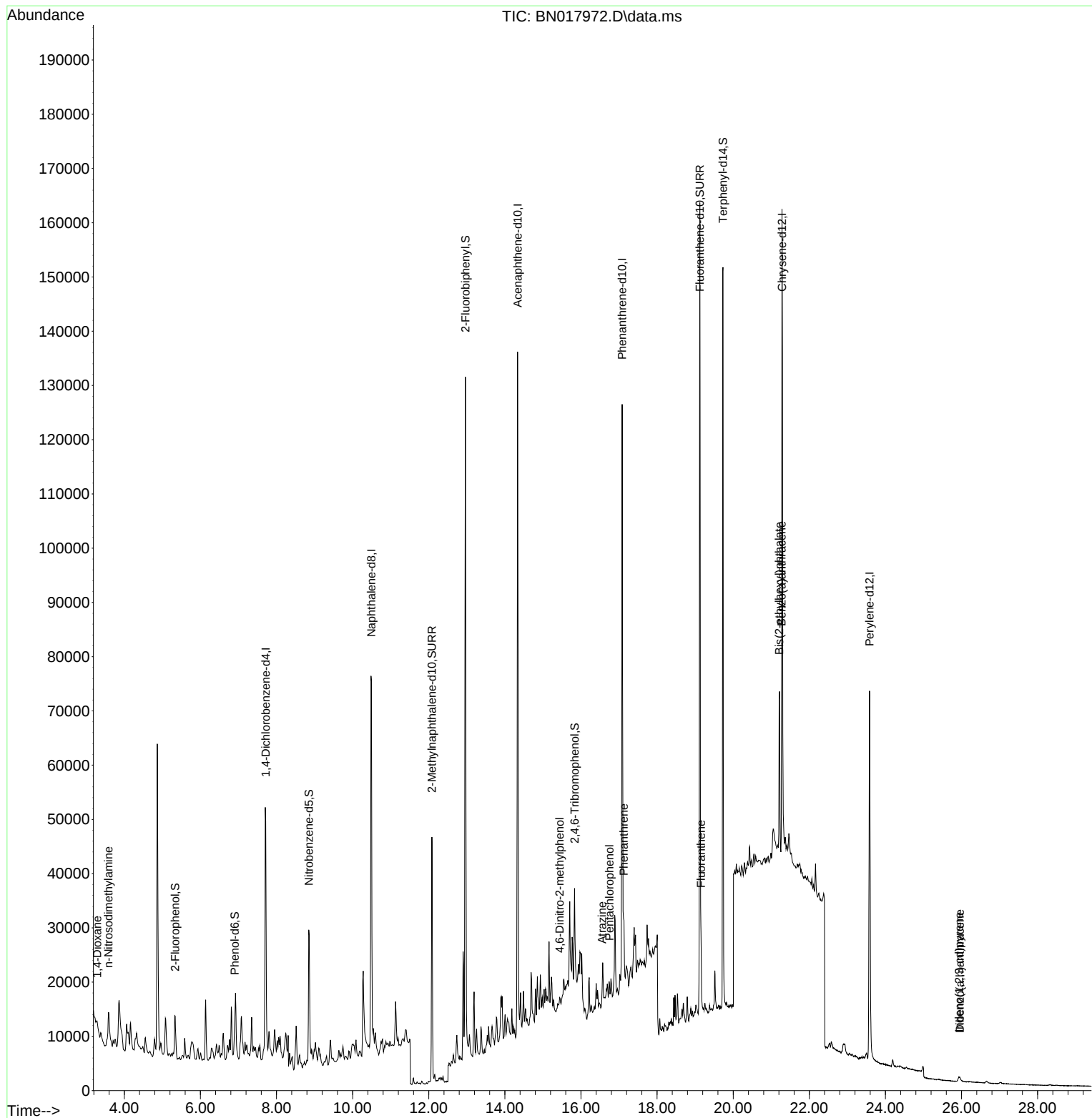
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	26034	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	110298	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	73315	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	149205	0.400	ng	#-0.01
29) Chrysene-d12	21.282	240	126528	0.400	ng	#-0.01
35) Perylene-d12	23.582	264	101645	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	9082	0.169	ng	0.00
5) Phenol-d6	6.903	99	5920	0.111	ng	0.00
8) Nitrobenzene-d5	8.846	82	24921	0.346	ng	-0.01
11) 2-Methylnaphthalene-d10	12.081	152	65347	0.337	ng	0.00
14) 2,4,6-Tribromophenol	15.832	330	16881	0.755	ng	-0.01
15) 2-Fluorobiphenyl	12.964	172	108870	0.422	ng	0.00
27) Fluoranthene-d10	19.124	212	177723	0.367	ng	0.00
31) Terphenyl-d14	19.730	244	146813	0.471	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.289	88	219	0.028	ng	# 1
3) n-Nitrosodimethylamine	3.584	42	2425	0.101	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.438	198	104	0.550	ng	# 1
23) Atrazine	16.557	200	1097	0.106	ng	# 1
24) Pentachlorophenol	16.752	266	2068	0.604	ng	94
25) Phenanthrene	17.129	178	13137	0.034	ng	# 85
28) Fluoranthene	19.154	202	11006	0.023	ng	98
32) Benzo(a)anthracene	21.272	228	2558	0.056	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.208	149	32785	0.241	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.937	276	1161	0.094	ng	96
40) Dibenzo(a,h)anthracene	25.958	278	876	0.107	ng	# 1

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

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Instrument :
BNA_N
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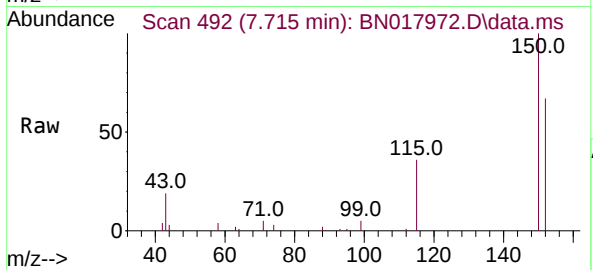
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
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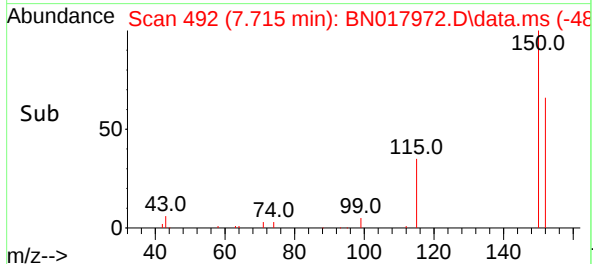
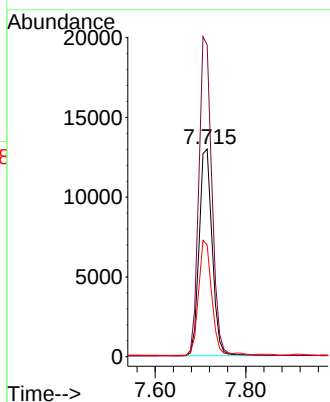


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 49
 Delta R.T. -0.000 min
 Lab File: BN017972.D
 Acq: 13 Dec 2021 15:06

Instrument :
 BNA_N
 ClientSampleId :

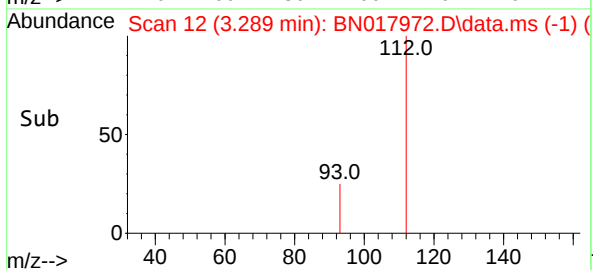
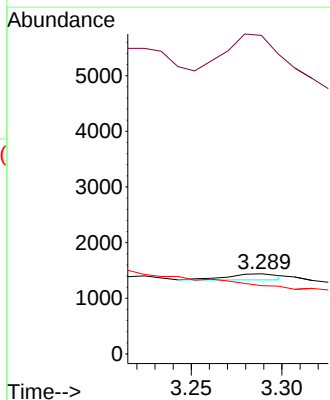
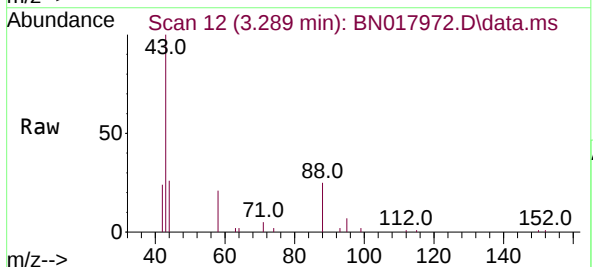


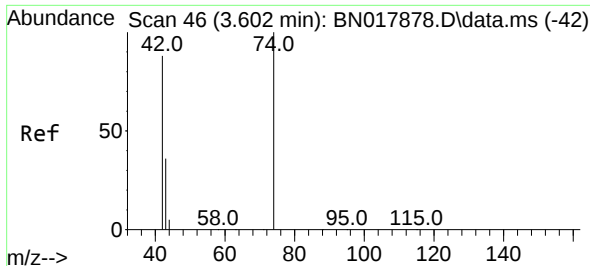
Tgt Ion: 152 Resp: 26034
 Ion Ratio Lower Upper
 152 100
 150 150.3 121.9 182.9
 115 53.8 44.1 66.1



#2
 1,4-Dioxane
 Concen: 0.028 ng
 RT: 3.289 min Scan# 12
 Delta R.T. 0.018 min
 Lab File: BN017972.D
 Acq: 13 Dec 2021 15:06

Tgt Ion: 88 Resp: 219
 Ion Ratio Lower Upper
 88 100
 43 543.4 28.0 42.0#
 58 0.0 65.4 98.0#

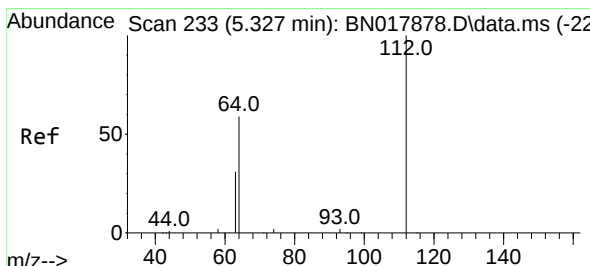
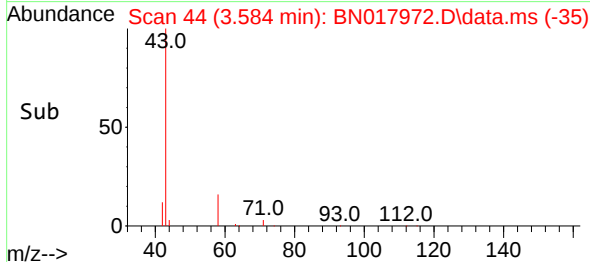
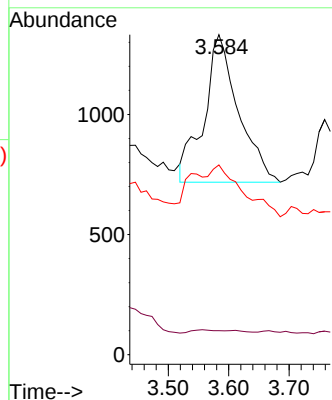
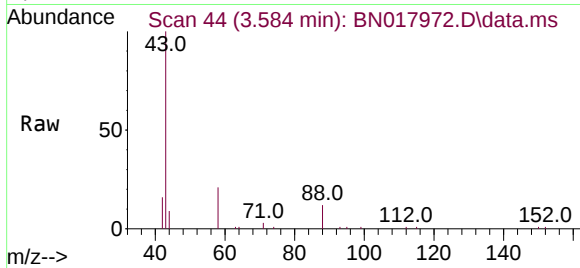




#3
 n-Nitrosodimethylamine
 Concen: 0.101 ng
 RT: 3.584 min Scan# 44
 Delta R.T. -0.019 min
 Lab File: BN017972.D
 Acq: 13 Dec 2021 15:06

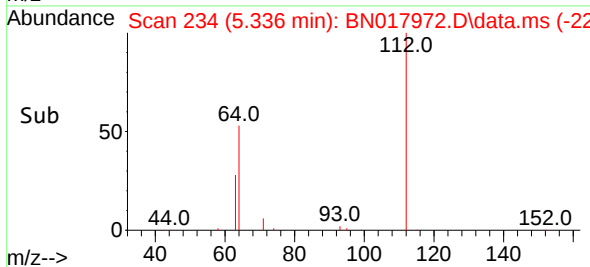
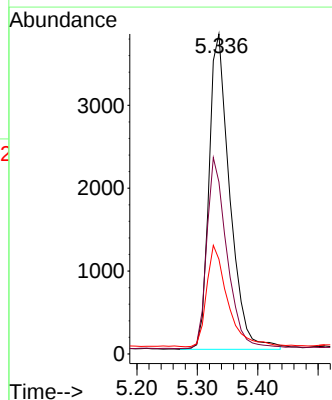
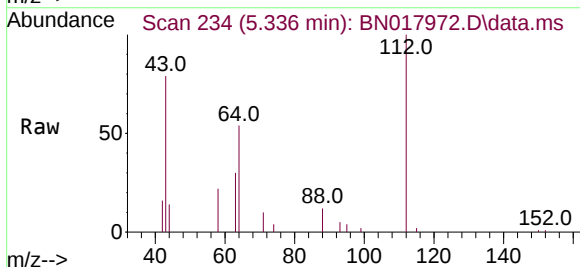
Instrument :
 BNA_N
 ClientSampleId :

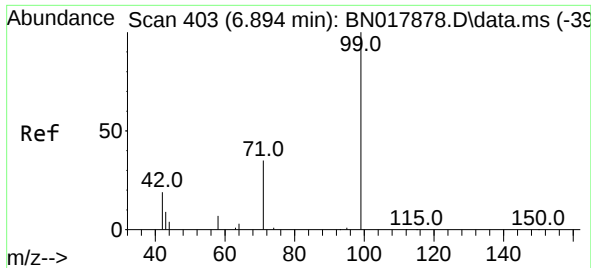
Tgt Ion: 42 Resp: 2425
 Ion Ratio Lower Upper
 42 100
 74 0.0 100.6 150.8#
 44 31.5 5.2 7.8#



#4
 2-Fluorophenol
 Concen: 0.169 ng
 RT: 5.336 min Scan# 234
 Delta R.T. 0.009 min
 Lab File: BN017972.D
 Acq: 13 Dec 2021 15:06

Tgt Ion: 112 Resp: 9082
 Ion Ratio Lower Upper
 112 100
 64 58.8 49.0 73.4
 63 32.4 26.2 39.2





#5

Phenol-d6

Concen: 0.111 ng

RT: 6.903 min Scan# 403

Delta R.T. 0.009 min

Lab File: BN017972.D

Acq: 13 Dec 2021 15:06

Instrument :

BNA_N

ClientSampleId :

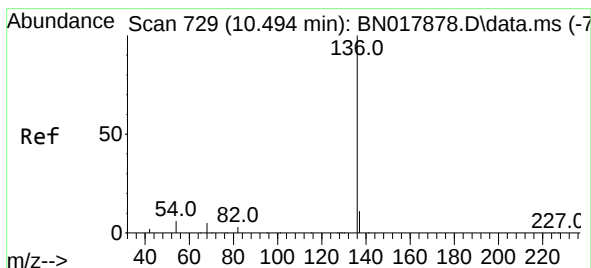
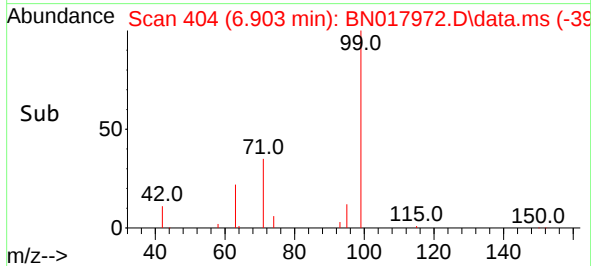
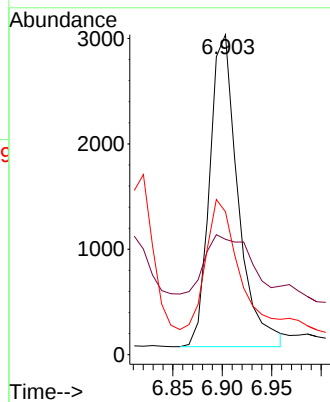
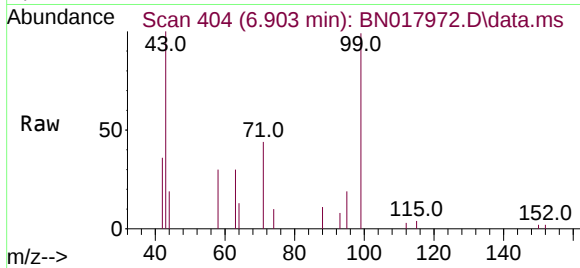
Tgt Ion: 99 Resp: 5920

Ion Ratio Lower Upper

99 100

42 28.9 17.0 25.4#

71 47.4 28.0 42.0#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.494 min Scan# 729

Delta R.T. -0.000 min

Lab File: BN017972.D

Acq: 13 Dec 2021 15:06

Tgt Ion:136 Resp: 110298

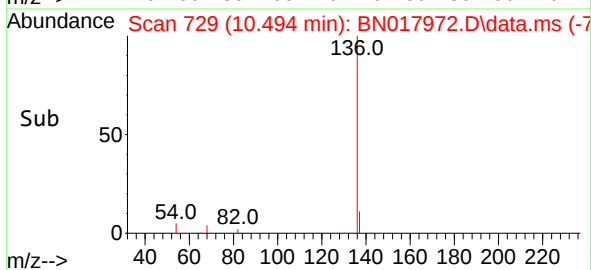
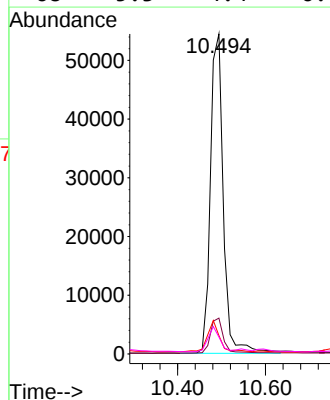
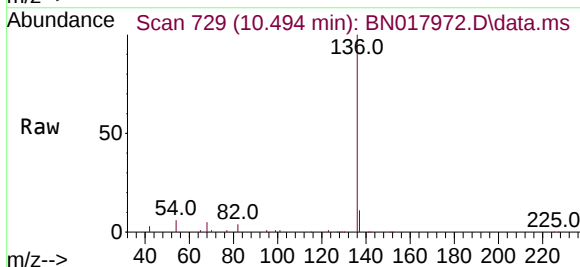
Ion Ratio Lower Upper

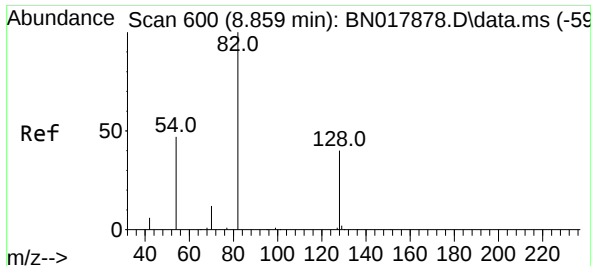
136 100

137 11.2 8.8 13.2

54 5.8 5.1 7.7

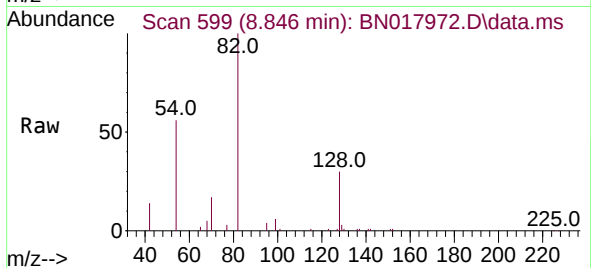
68 5.3 4.4 6.6



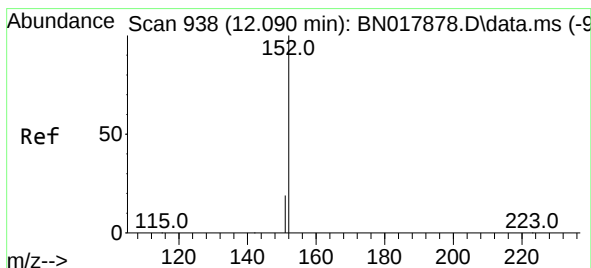
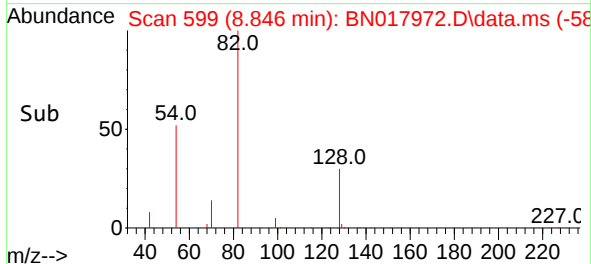
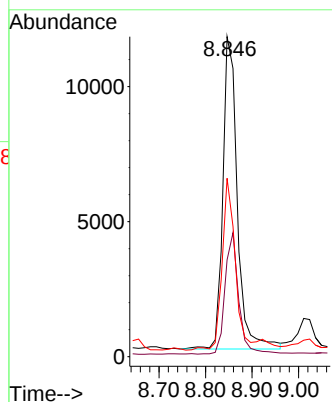


#8
Nitrobenzene-d5
Concen: 0.346 ng
RT: 8.846 min Scan# 599
Delta R.T. -0.013 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

Instrument :
BNA_N
ClientSampleId :

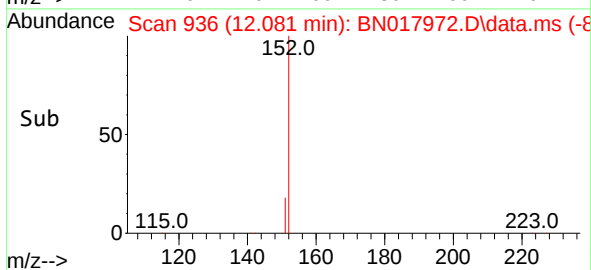
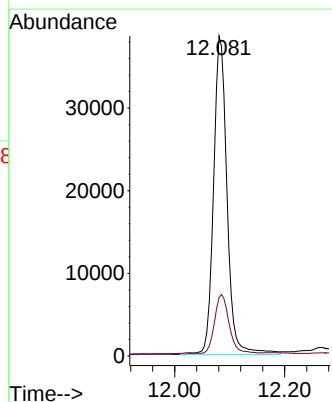
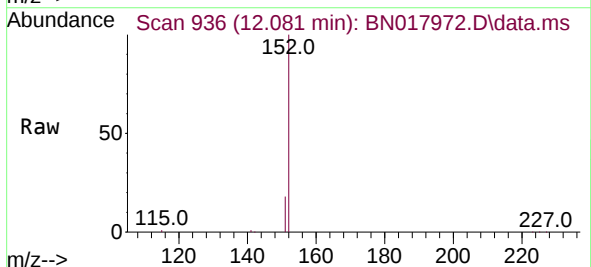


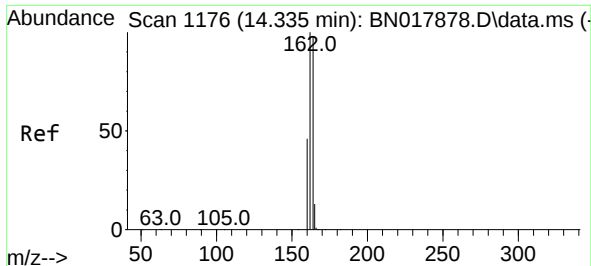
Tgt Ion: 82 Resp: 24921
Ion Ratio Lower Upper
82 100
128 30.2 32.2 48.4#
54 55.8 37.6 56.4



#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 12.081 min Scan# 936
Delta R.T. -0.009 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

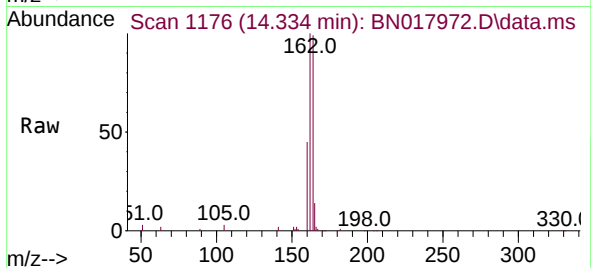
Tgt Ion: 152 Resp: 65347
Ion Ratio Lower Upper
152 100
151 19.7 16.4 24.6



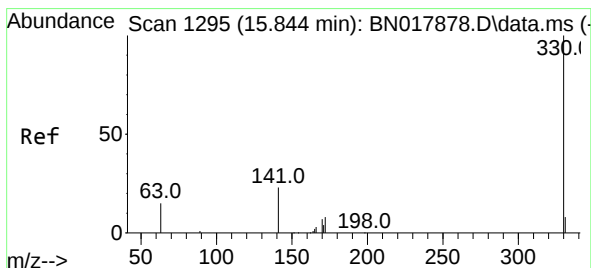
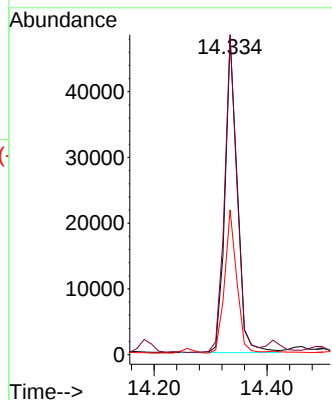
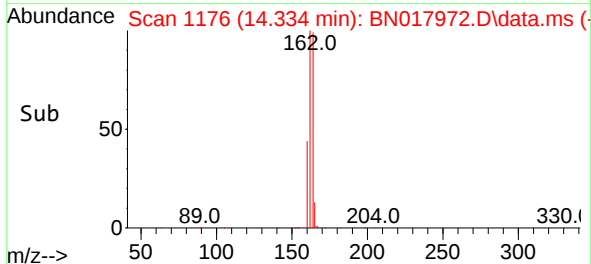


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

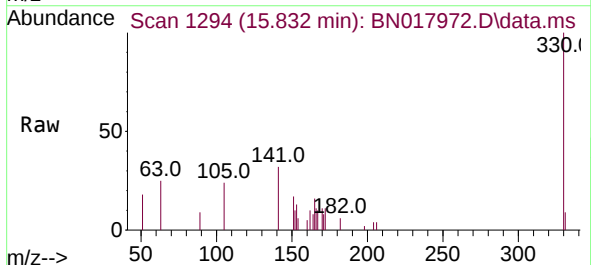
Instrument :
BNA_N
ClientSampleId :



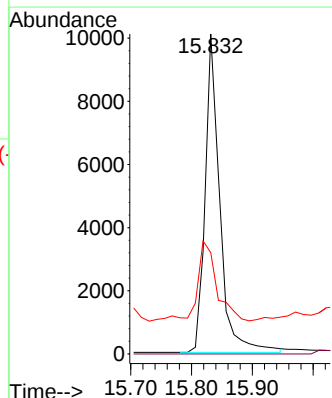
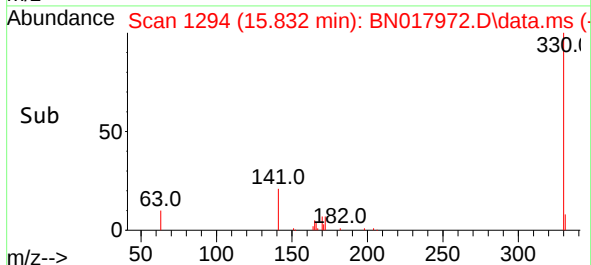
Tgt Ion:164 Resp: 73315
Ion Ratio Lower Upper
164 100
162 101.1 82.1 123.1
160 45.8 38.2 57.2

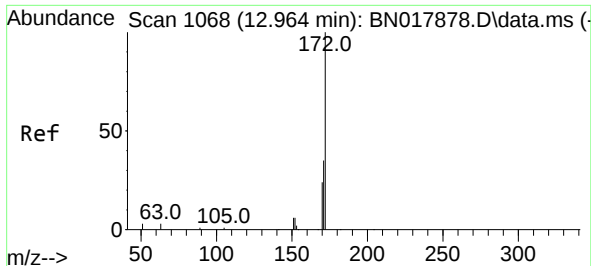


#14
2,4,6-Tribromophenol
Concen: 0.755 ng
RT: 15.832 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06



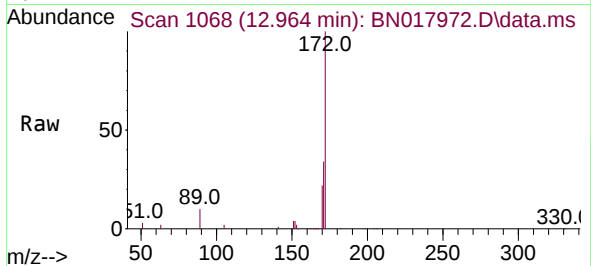
Tgt Ion:330 Resp: 16881
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.3 19.7 29.5#



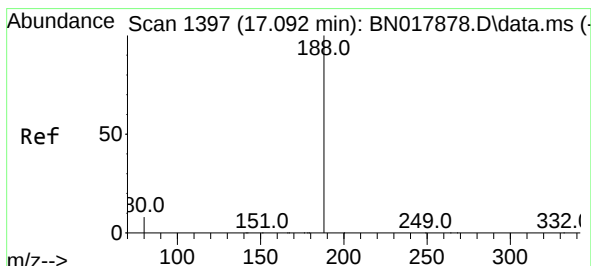
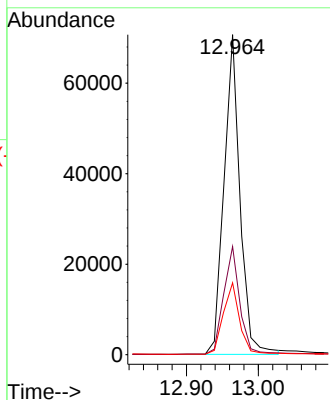
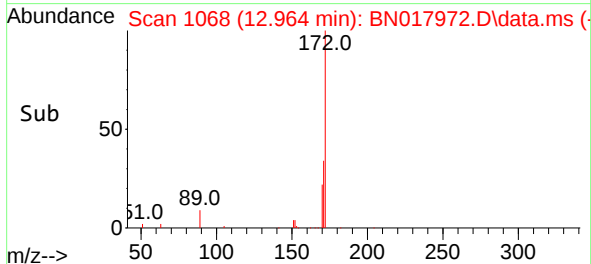


#15
2-Fluorobiphenyl
Concen: 0.422 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

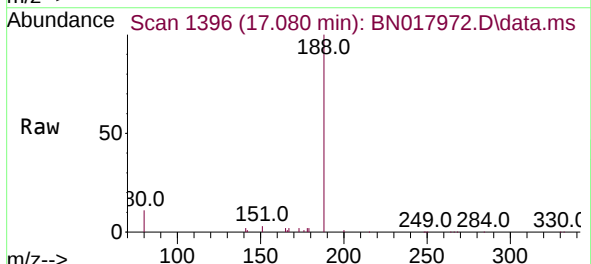
Instrument :
BNA_N
ClientSampleId :



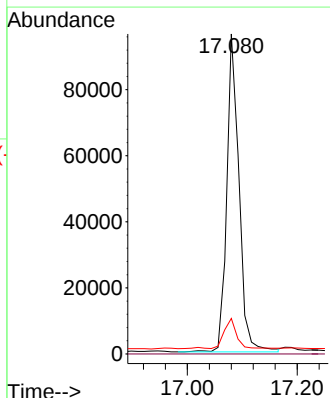
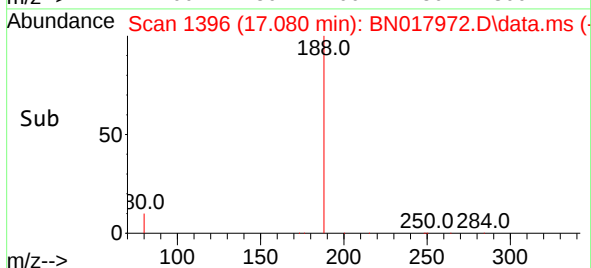
Tgt Ion:172 Resp: 108870
Ion Ratio Lower Upper
172 100
171 33.8 28.3 42.5
170 22.4 19.1 28.7

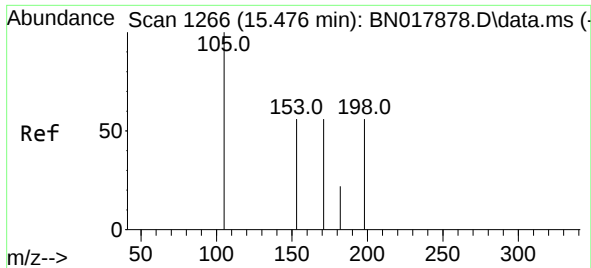


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 1396
Delta R.T. -0.012 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06



Tgt Ion:188 Resp: 149205
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 6.2 9.2#

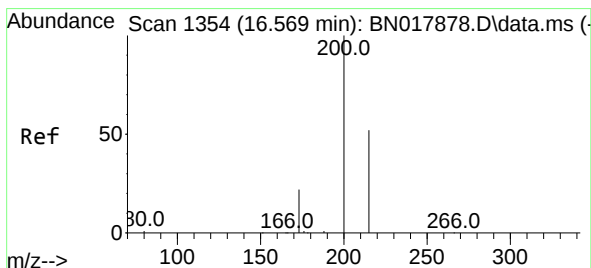
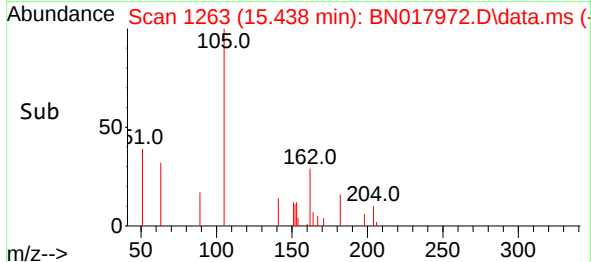
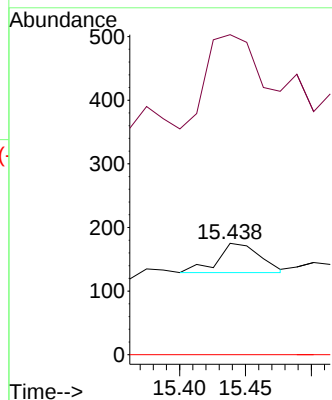
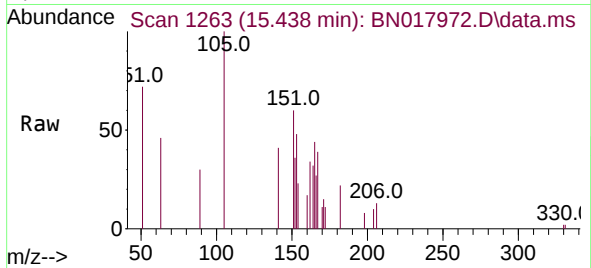




#20
4,6-Dinitro-2-methylphenol
Concen: 0.550 ng
RT: 15.438 min Scan# 11
Delta R.T. -0.038 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

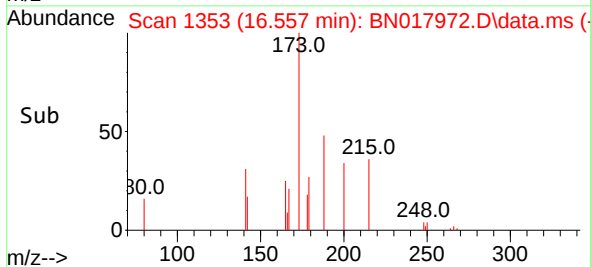
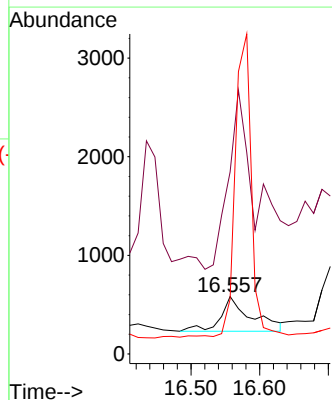
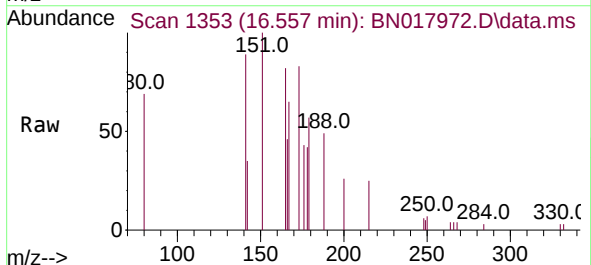
Instrument :
BNA_N
ClientSampleId :

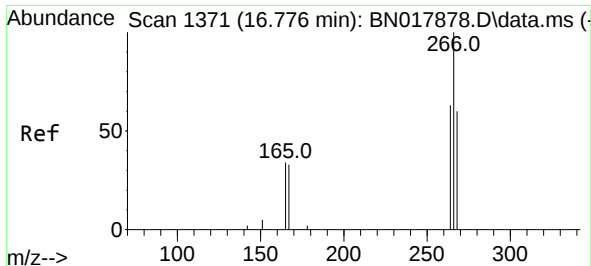
Tgt Ion:198 Resp: 104
Ion Ratio Lower Upper
198 100
182 287.4 70.8 106.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.106 ng
RT: 16.557 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

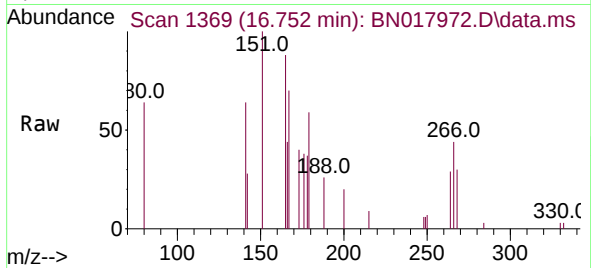
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Ion Ratio Lower Upper
200 100
173 316.6 18.2 27.2#
215 95.5 41.8 62.8#



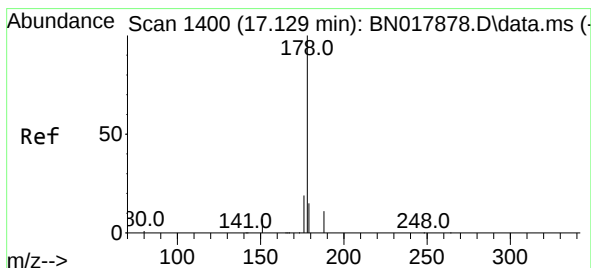
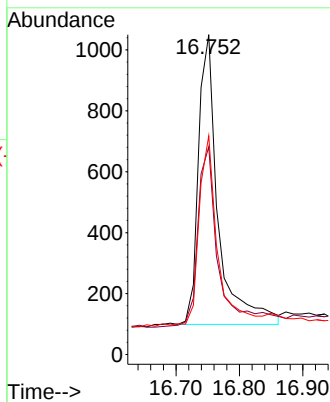
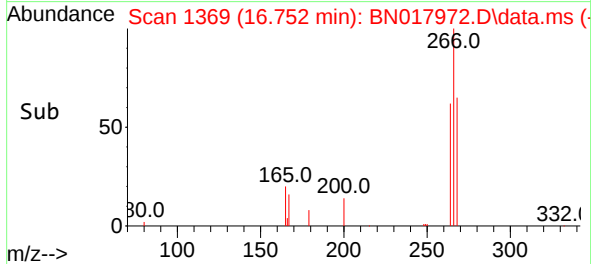


#24
 Pentachlorophenol
 Concen: 0.604 ng
 RT: 16.752 min Scan# 1369
 Delta R.T. -0.024 min
 Lab File: BN017972.D
 Acq: 13 Dec 2021 15:06

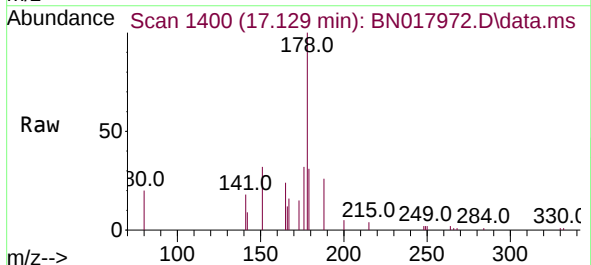
Instrument :
 BNA_N
 ClientSampleId :



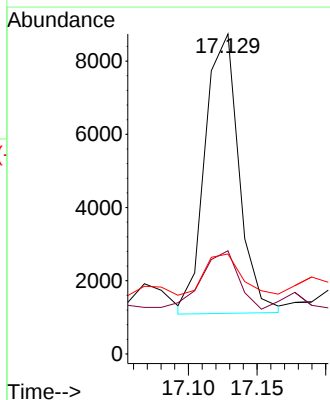
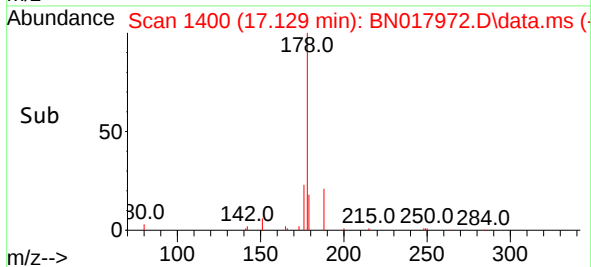
Tgt Ion:	266	Resp:	2068
Ion Ratio	Lower	Upper	
266	100		
264	65.6	50.6	76.0
268	60.0	53.7	80.5

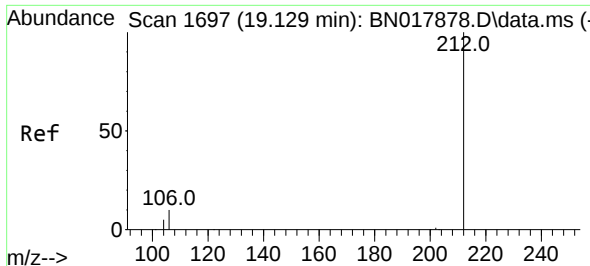


#25
 Phenanthrene
 Concen: 0.034 ng
 RT: 17.129 min Scan# 1400
 Delta R.T. -0.000 min
 Lab File: BN017972.D
 Acq: 13 Dec 2021 15:06



Tgt Ion:	178	Resp:	13137
Ion Ratio	Lower	Upper	
178	100		
176	30.3	15.0	22.6
179	16.6	12.4	18.6

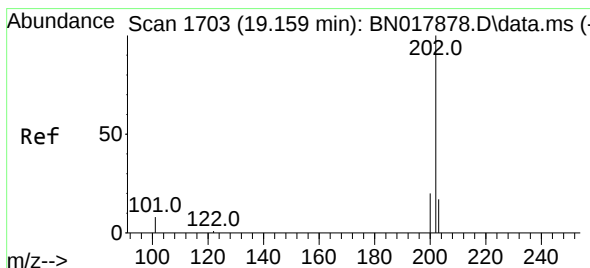
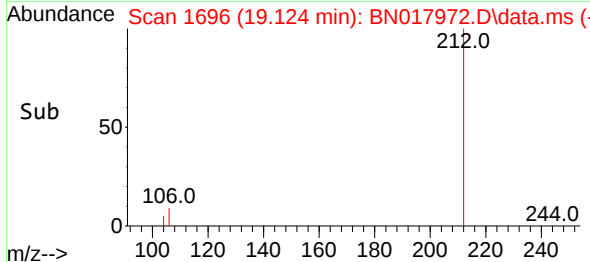
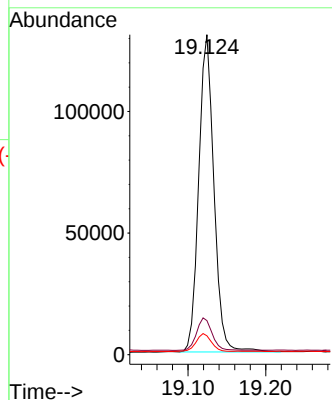
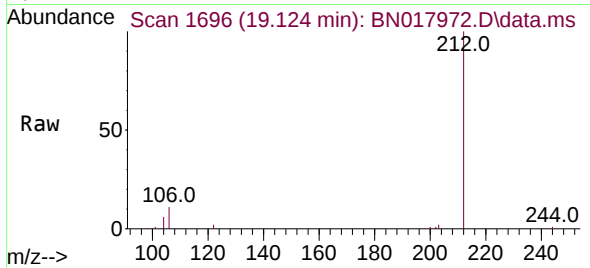




#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.124 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

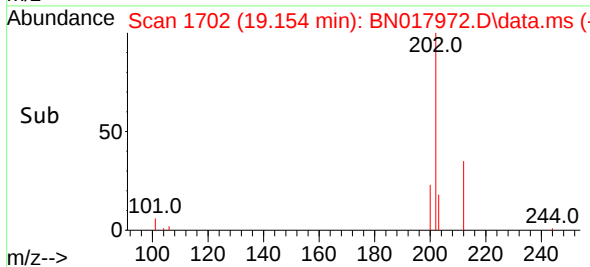
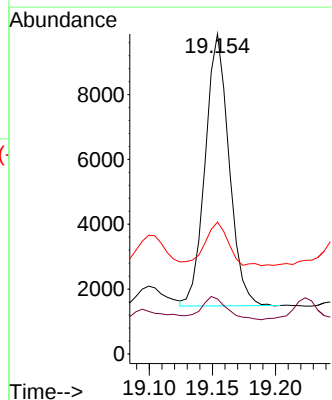
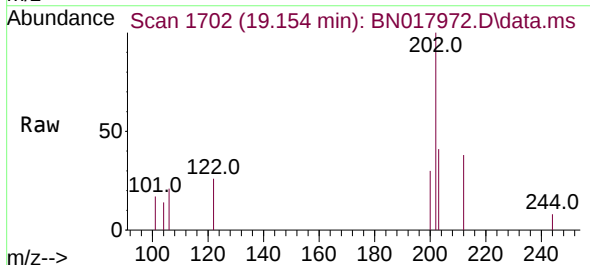
Instrument :
BNA_N
ClientSampleId :

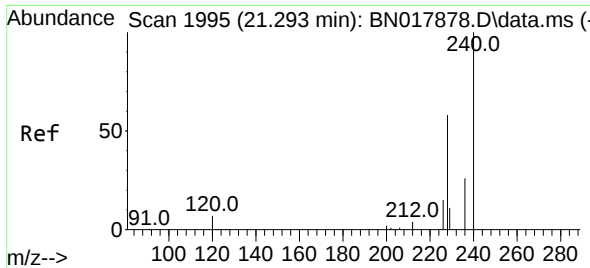
Tgt Ion:212 Resp: 177723
Ion Ratio Lower Upper
212 100
106 10.3 8.3 12.5
104 5.9 4.6 6.8



#28
Fluoranthene
Concen: 0.023 ng
RT: 19.154 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

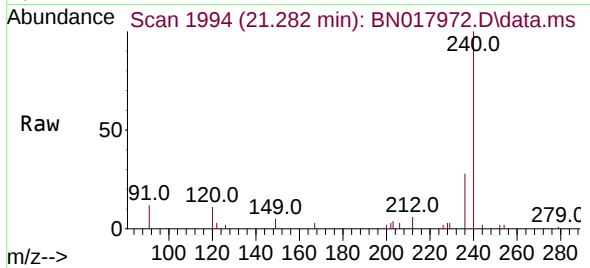
Tgt Ion:202 Resp: 11006
Ion Ratio Lower Upper
202 100
101 9.0 7.3 10.9
203 18.5 13.7 20.5



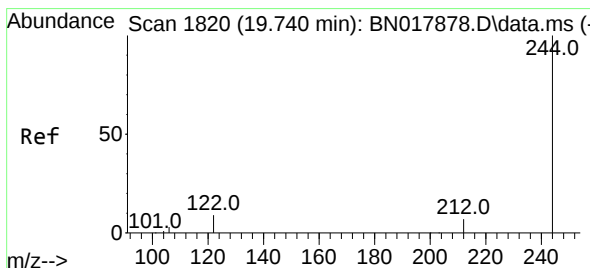
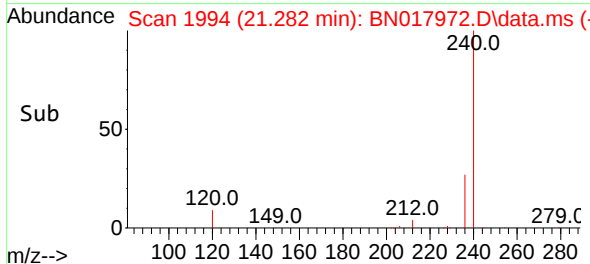
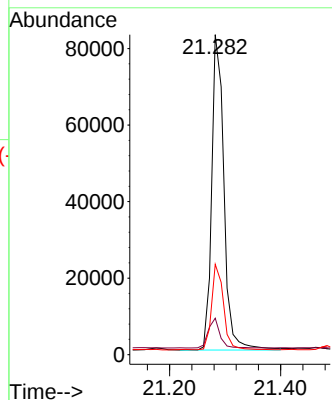


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.282 min Scan# 1994
Delta R.T. -0.011 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

Instrument :
BNA_N
ClientSampleId :

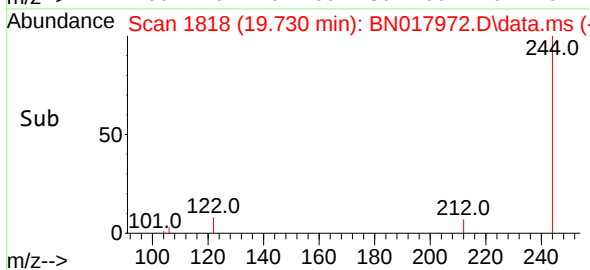
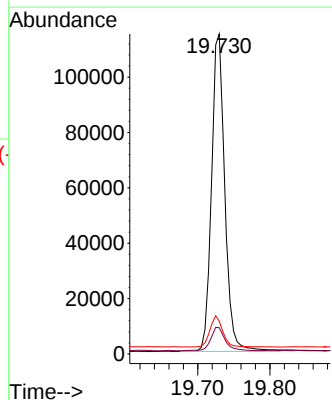
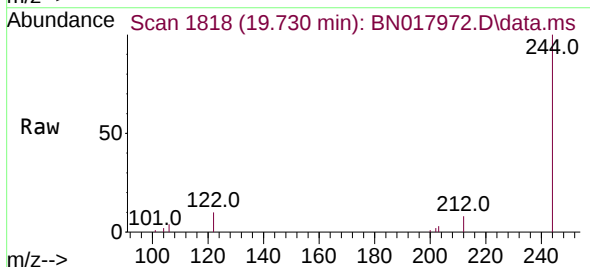


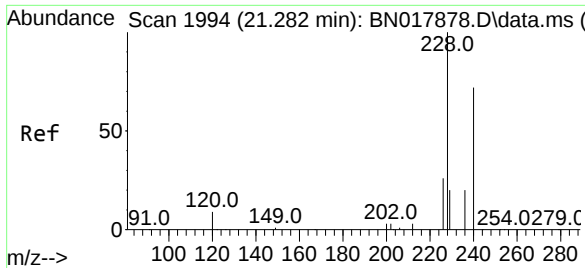
Tgt Ion:240 Resp: 126528
Ion Ratio Lower Upper
240 100
120 11.4 5.8 8.8#
236 28.3 21.0 31.6



#31
Terphenyl-d14
Concen: 0.471 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

Tgt Ion:244 Resp: 146813
Ion Ratio Lower Upper
244 100
212 8.2 6.2 9.2
122 10.3 7.5 11.3

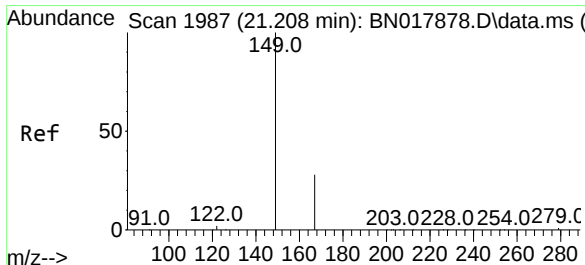
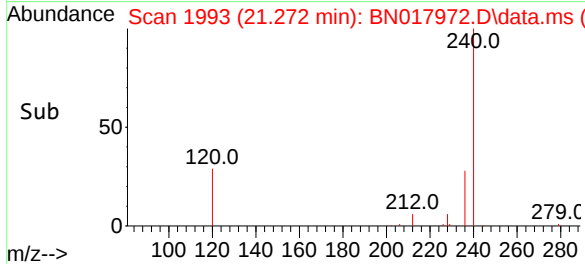
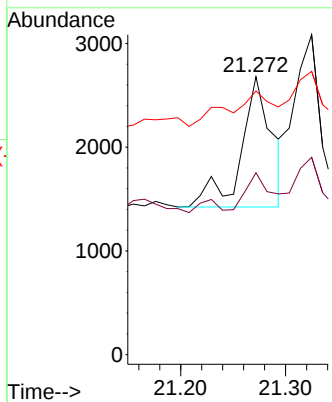
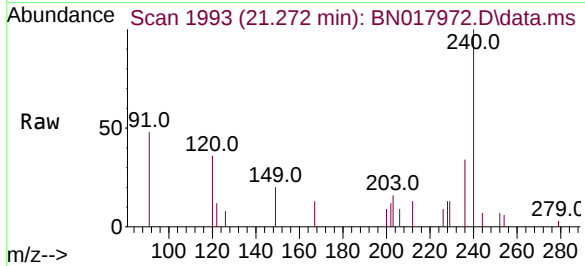




#32
Benzo(a)anthracene
Concen: 0.056 ng
RT: 21.272 min Scan# 1993
Delta R.T. -0.010 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

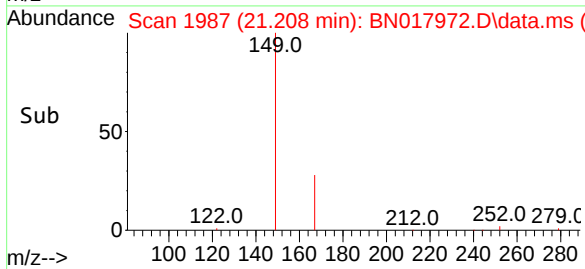
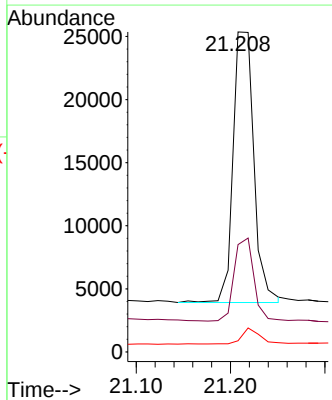
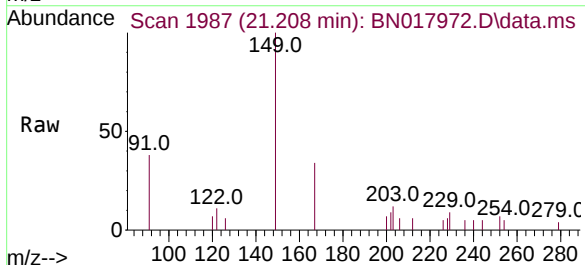
Instrument :
BNA_N
ClientSampleId :

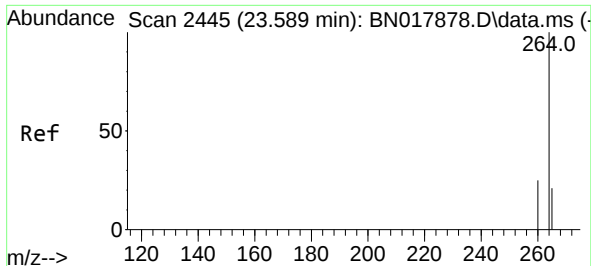
Tgt Ion:228 Resp: 2558
Ion Ratio Lower Upper
228 100
226 65.4 21.0 31.4#
229 94.9 15.8 23.8#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.241 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

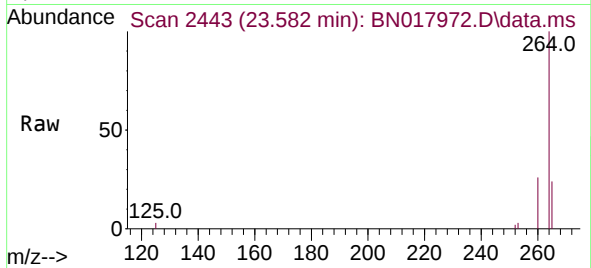
Tgt Ion:149 Resp: 32785
Ion Ratio Lower Upper
149 100
167 28.9 23.4 35.0
279 5.7 3.6 5.4#



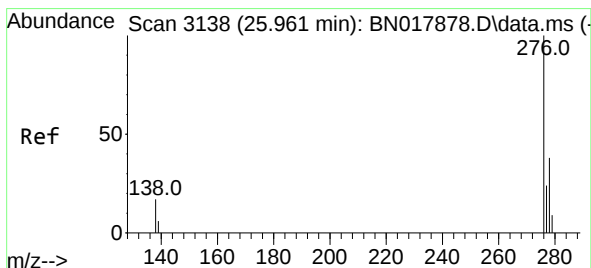
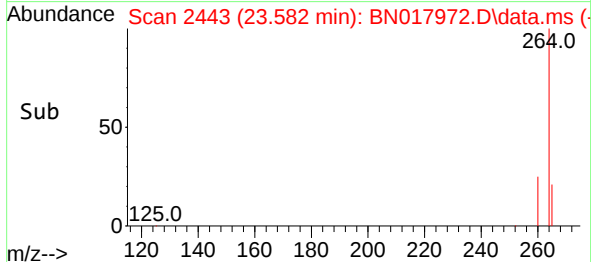
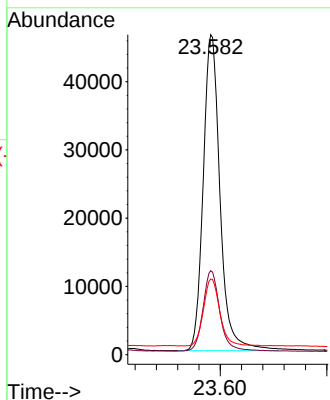


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.582 min Scan# 2445
Delta R.T. -0.007 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

Instrument :
BNA_N
ClientSampleId :

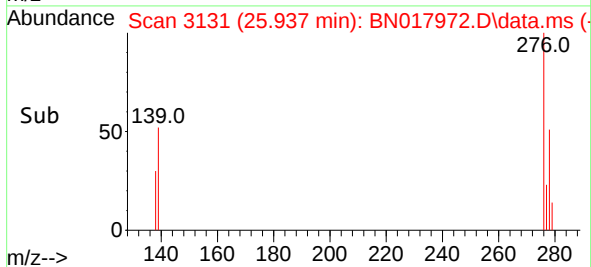
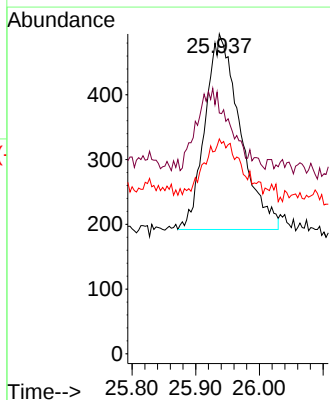
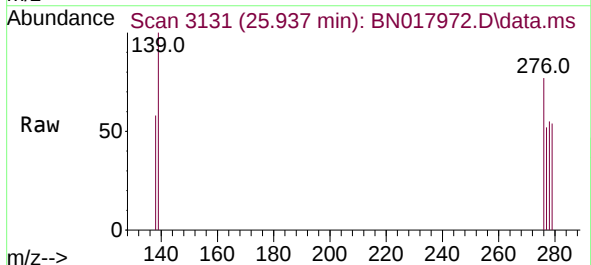


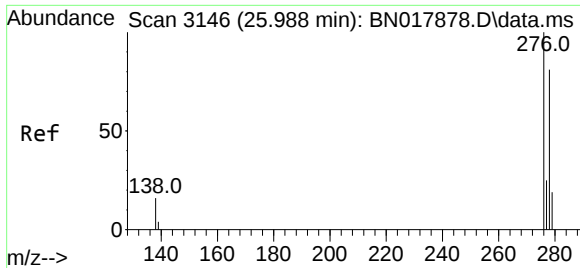
Tgt Ion:264 Resp: 101645
Ion Ratio Lower Upper
264 100
260 26.2 20.2 30.4
265 23.6 18.2 27.4



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.094 ng
RT: 25.937 min Scan# 3131
Delta R.T. -0.024 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

Tgt Ion:276 Resp: 1161
Ion Ratio Lower Upper
276 100
138 17.5 15.2 22.8
277 27.0 19.8 29.6





#40

Dibenzo(a,h)anthracene

Concen: 0.107 ng

RT: 25.958 min Scan# 31

Delta R.T. -0.030 min

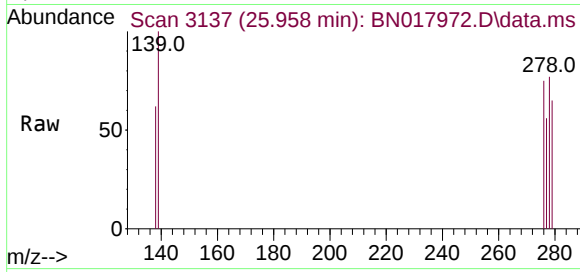
Lab File: BN017972.D

Acq: 13 Dec 2021 15:06

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:278 Resp: 876

Ion Ratio Lower Upper

278 100

139 129.1 12.0 18.0#

279 83.9 20.8 31.2#

