

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111621\
 Data File : BN017474.D
 Acq On : 16 Nov 2021 15:10
 Operator : CG/JU
 Sample : PB140437BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB140437BL

Quant Time: Nov 16 15:44:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 16 14:06:59 2021
 Response via : Initial Calibration

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

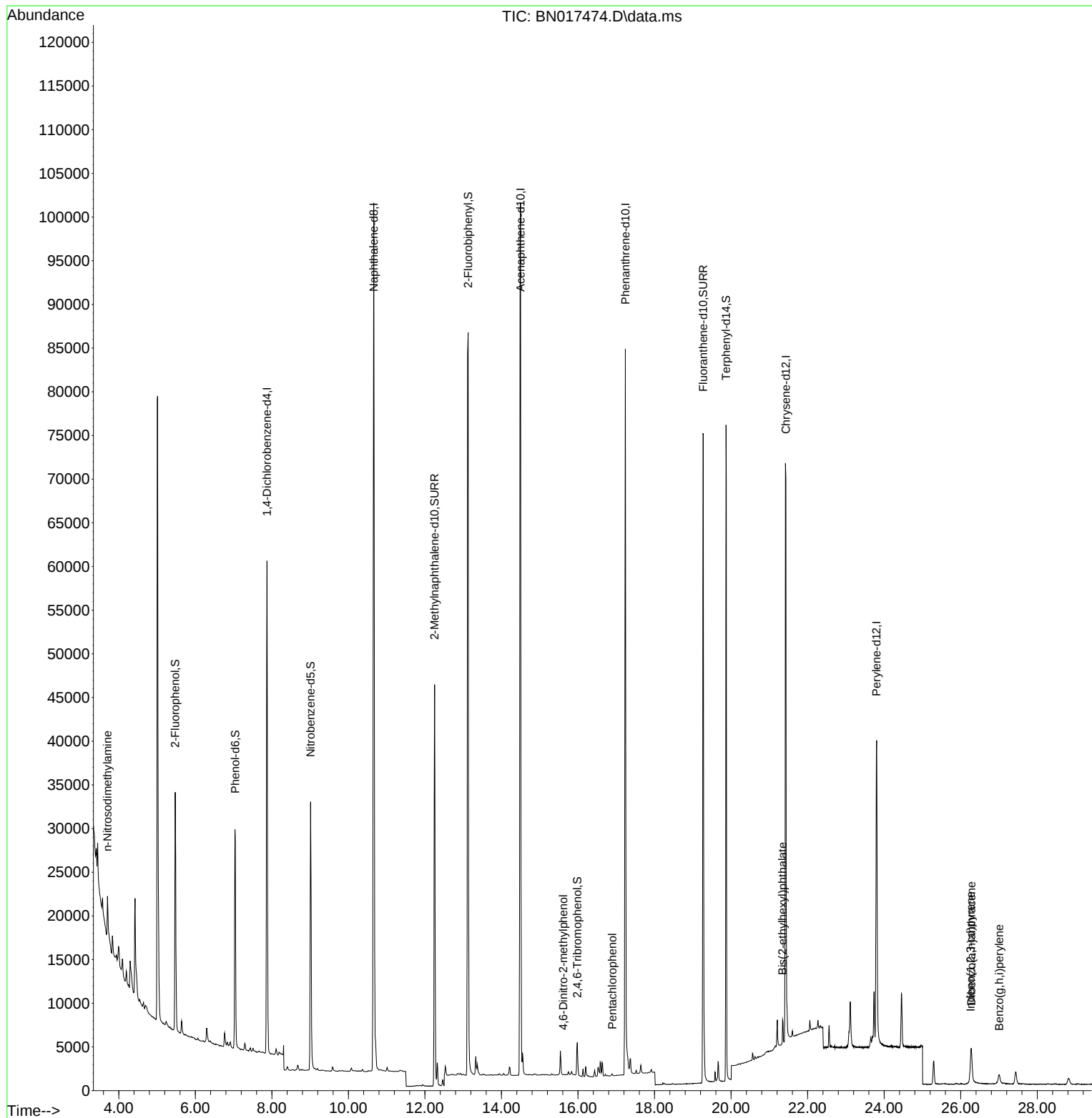
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	30190	0.400	ng	0.00
7) Naphthalene-d8	10.661	136	137391	0.400	ng	# 0.00
13) Acenaphthene-d10	14.498	164	69926	0.400	ng	0.00
19) Phenanthrene-d10	17.238	188	114757	0.400	ng	0.00
29) Chrysene-d12	21.430	240	76077	0.400	ng	# 0.01
35) Perylene-d12	23.800	264	53076	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.477	112	23866	0.332	ng	0.03
5) Phenol-d6	7.044	99	25497	0.330	ng	0.00
8) Nitrobenzene-d5	9.014	82	26067	0.306	ng	0.00
11) 2-Methylnaphthalene-d10	12.253	152	66173	0.293	ng	0.00
14) 2,4,6-Tribromophenol	15.983	330	3280	0.185	ng	0.00
15) 2-Fluorobiphenyl	13.128	172	91695	0.348	ng	0.00
27) Fluoranthene-d10	19.272	212	92046	0.269	ng	0.00
31) Terphenyl-d14	19.868	244	74128	0.397	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.706	42	1257	0.050	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.615	198	16	0.093	ng	# 1
24) Pentachlorophenol	16.897	266	159	0.097	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.345	149	2999	0.024	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.258	276	3464	0.028	ng	# 60
40) Dibenzo(a,h)anthracene	26.279	278	3107	0.033	ng	# 1
41) Benzo(g,h,i)perylene	27.008	276	2833	0.025	ng	# 77

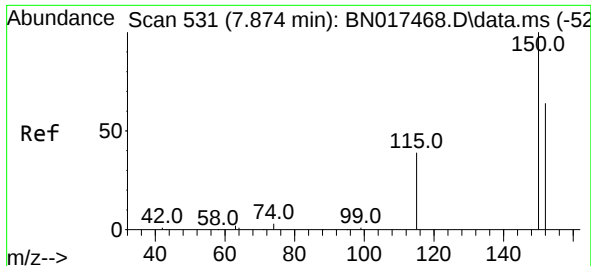
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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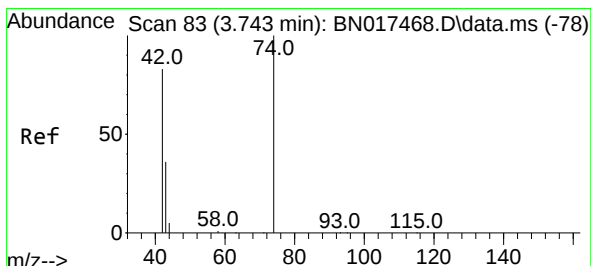
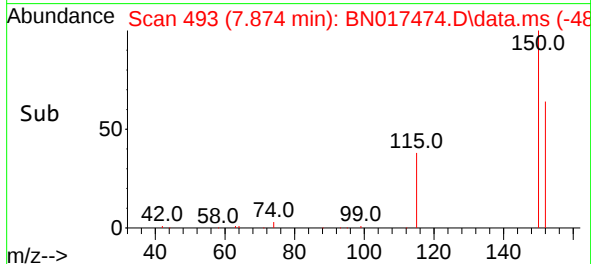
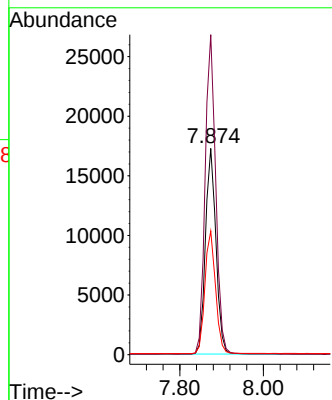
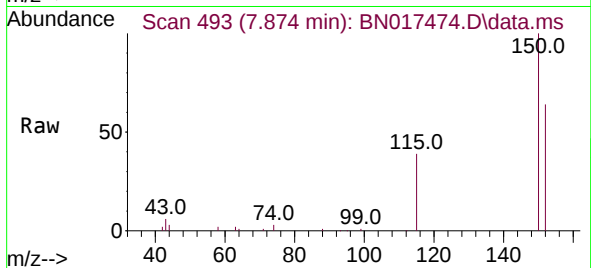




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.874 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN017474.D
Acq: 16 Nov 2021 15:10

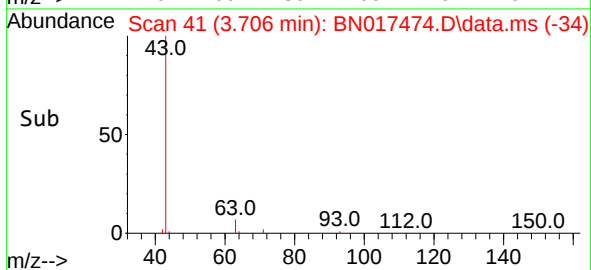
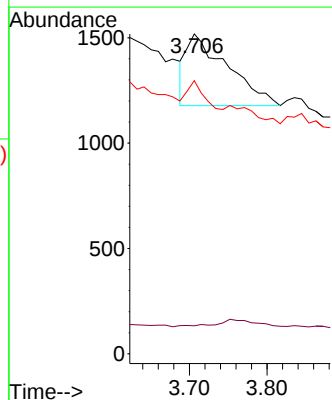
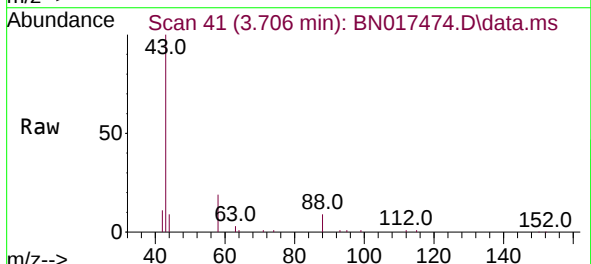
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BNA_N
ClientSampleId :
PB140437BL

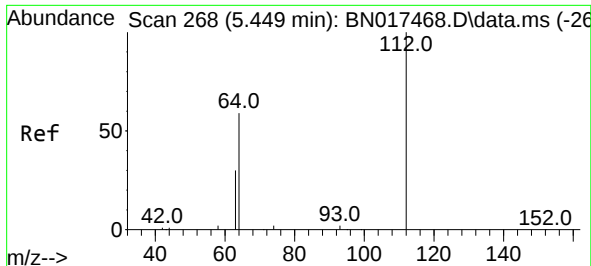
Tgt Ion:152 Resp: 30190
Ion Ratio Lower Upper
152 100
150 155.1 123.0 184.4
115 60.0 45.6 68.4



#3
n-Nitrosodimethylamine
Concen: 0.050 ng
RT: 3.706 min Scan# 41
Delta R.T. -0.037 min
Lab File: BN017474.D
Acq: 16 Nov 2021 15:10

Tgt Ion: 42 Resp: 1257
Ion Ratio Lower Upper
42 100
74 0.0 97.8 146.6#
44 15.0 5.5 8.3#

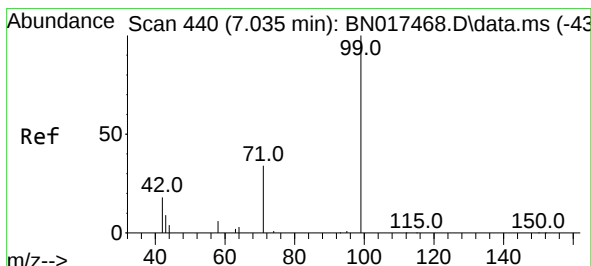
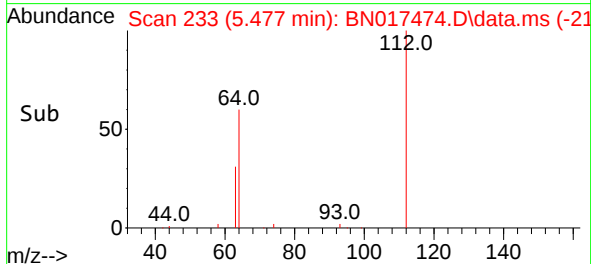
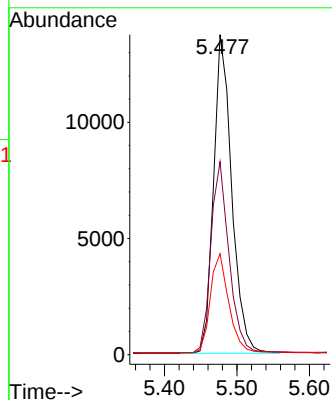
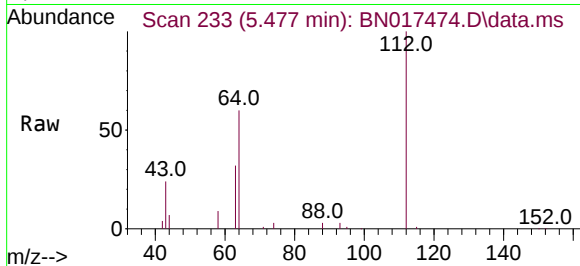




#4
2-Fluorophenol
Concen: 0.332 ng
RT: 5.477 min Scan# 21
Delta R.T. 0.028 min
Lab File: BN017474.D
Acq: 16 Nov 2021 15:10

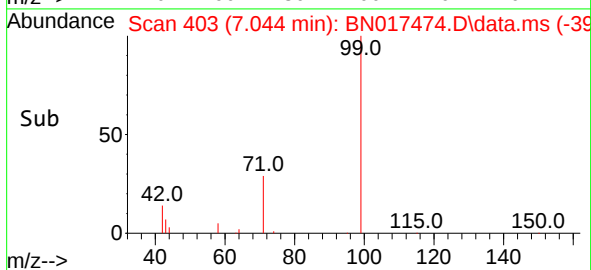
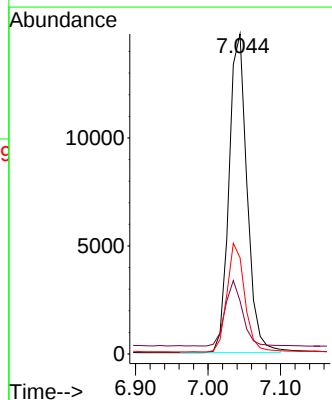
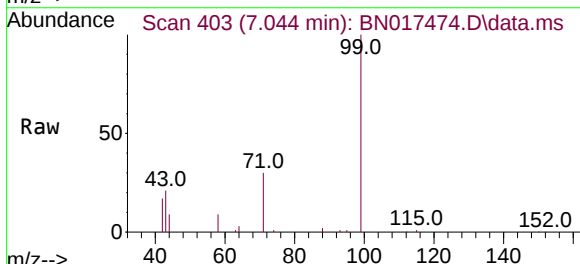
Instrument :
BNA_N
ClientSampleId :
PB140437BL

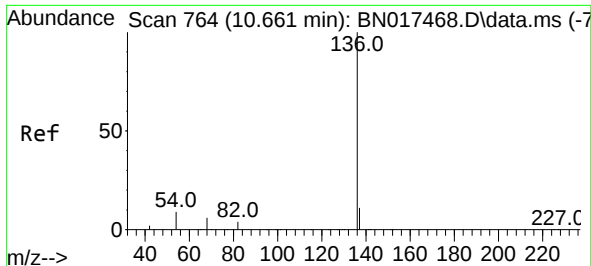
Tgt Ion:112 Resp: 23866
Ion Ratio Lower Upper
112 100
64 59.8 47.6 71.4
63 31.4 24.6 37.0



#5
Phenol-d6
Concen: 0.330 ng
RT: 7.044 min Scan# 403
Delta R.T. 0.009 min
Lab File: BN017474.D
Acq: 16 Nov 2021 15:10

Tgt Ion: 99 Resp: 25497
Ion Ratio Lower Upper
99 100
42 19.7 17.0 25.6
71 33.6 24.8 37.2

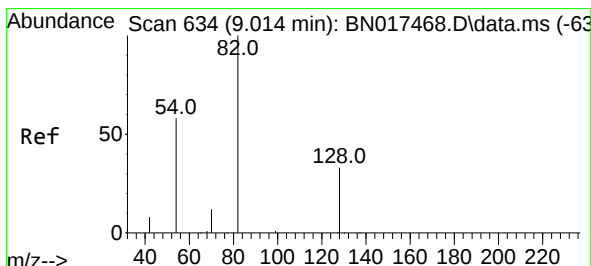
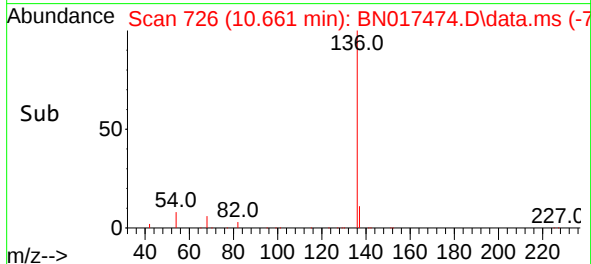
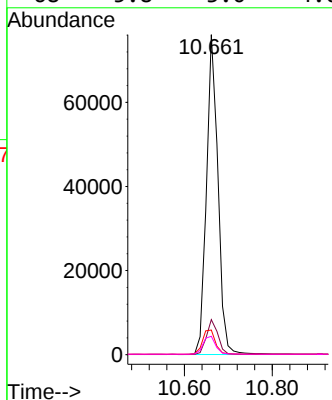
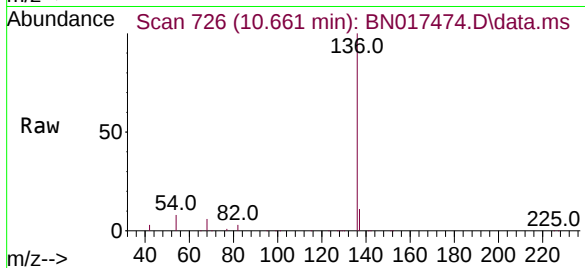




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.661 min Scan# 764
Delta R.T. -0.000 min
Lab File: BN017474.D
Acq: 16 Nov 2021 15:10

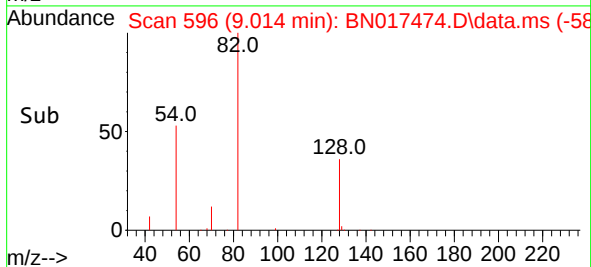
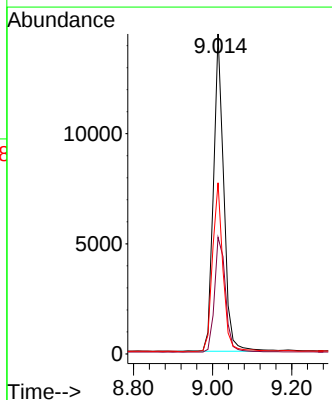
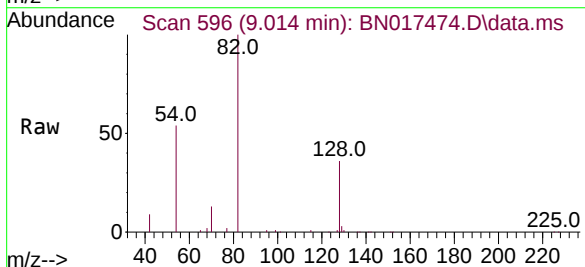
Instrument :
BNA_N
ClientSampleId :
PB140437BL

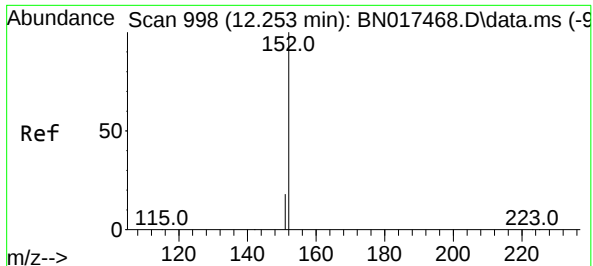
Tgt Ion:136 Resp: 137391
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.7 4.0 6.0#
68 5.8 3.0 4.6#



#8
Nitrobenzene-d5
Concen: 0.306 ng
RT: 9.014 min Scan# 596
Delta R.T. -0.000 min
Lab File: BN017474.D
Acq: 16 Nov 2021 15:10

Tgt Ion: 82 Resp: 26067
Ion Ratio Lower Upper
82 100
128 36.4 27.7 41.5
54 53.5 49.2 73.8

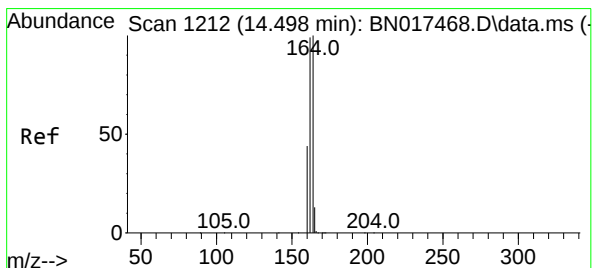
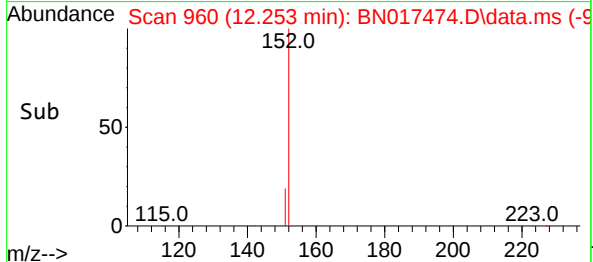
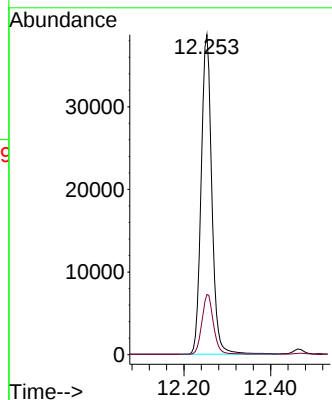
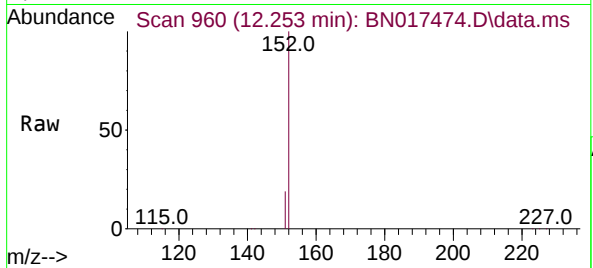




#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 12.253 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN017474.D
Acq: 16 Nov 2021 15:10

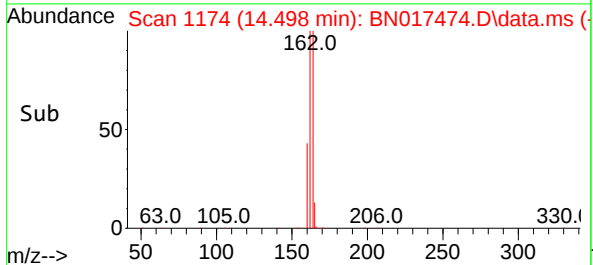
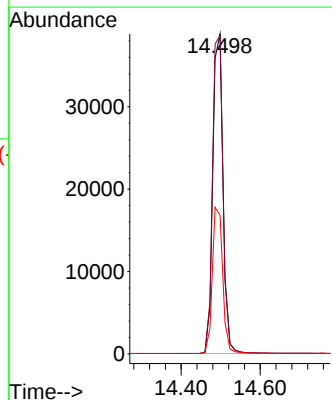
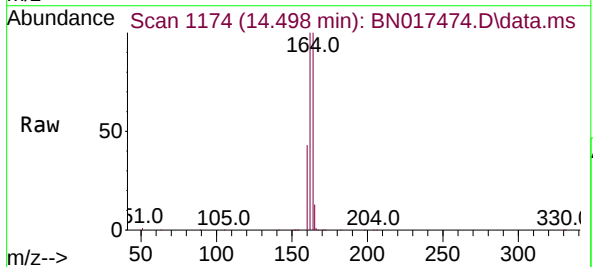
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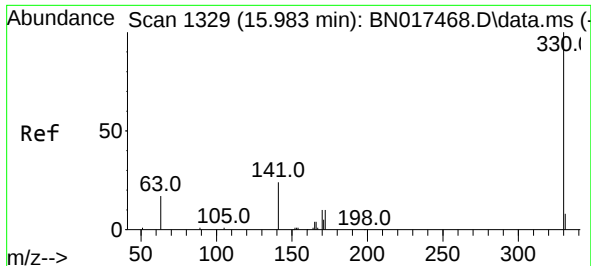
Tgt Ion:152 Resp: 66173
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.498 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN017474.D
Acq: 16 Nov 2021 15:10

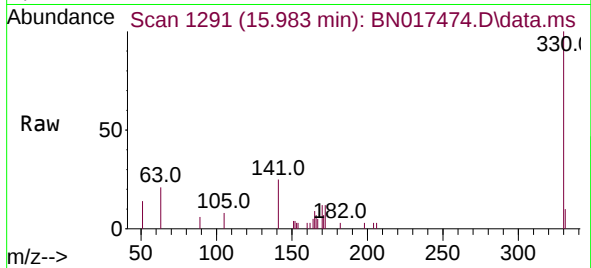
Tgt Ion:164 Resp: 69926
Ion Ratio Lower Upper
164 100
162 99.6 81.4 122.2
160 43.4 36.8 55.2



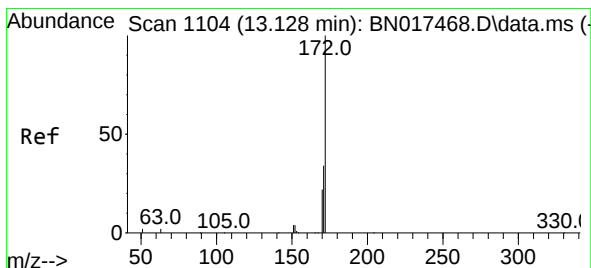
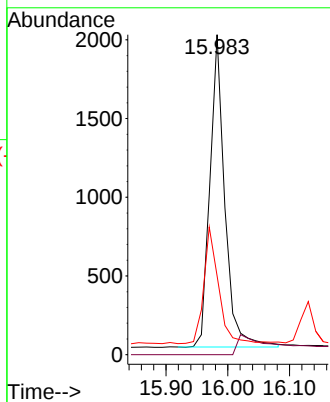
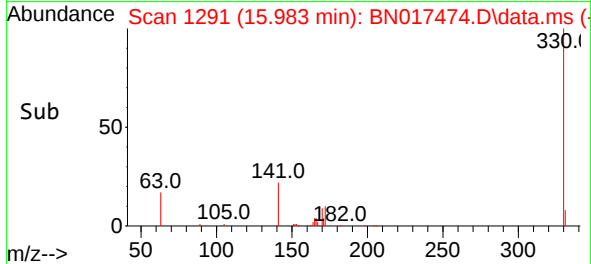


#14
2,4,6-Tribromophenol
Concen: 0.185 ng
RT: 15.983 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017474.D
Acq: 16 Nov 2021 15:10

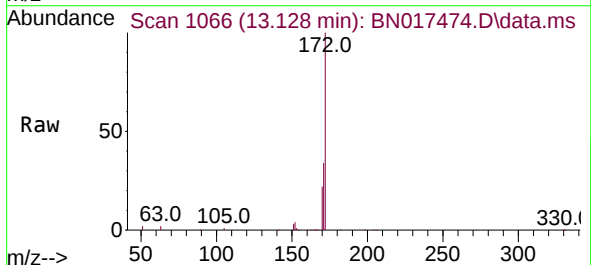
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ClientSampleId :
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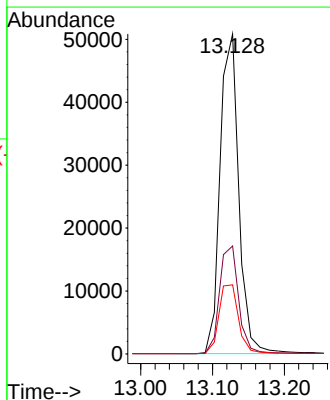
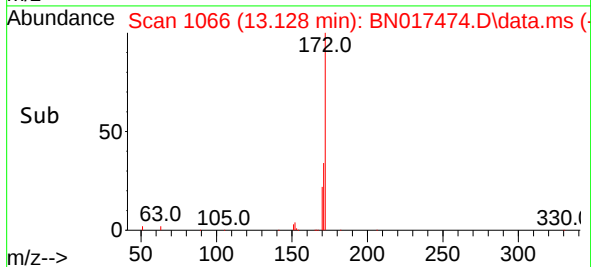
Tgt Ion:330 Resp: 3280
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.2 28.9 43.3

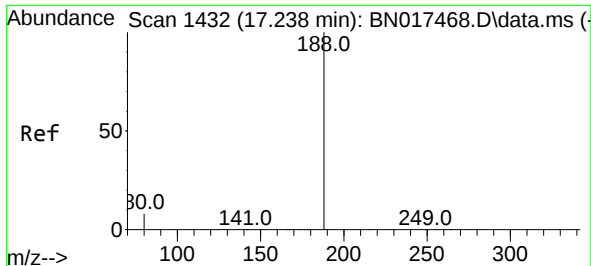


#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 13.128 min Scan# 1066
Delta R.T. -0.000 min
Lab File: BN017474.D
Acq: 16 Nov 2021 15:10



Tgt Ion:172 Resp: 91695
Ion Ratio Lower Upper
172 100
171 33.8 28.7 43.1
170 21.6 19.4 29.2

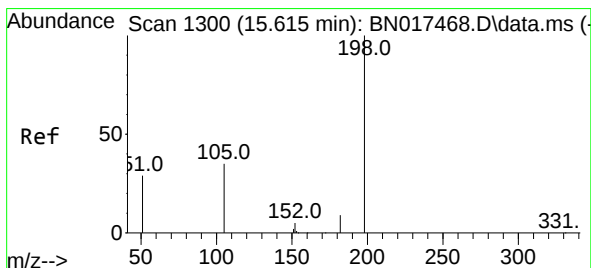
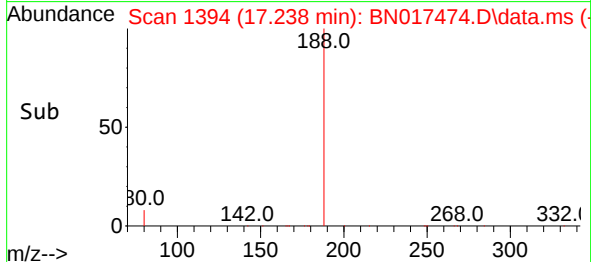
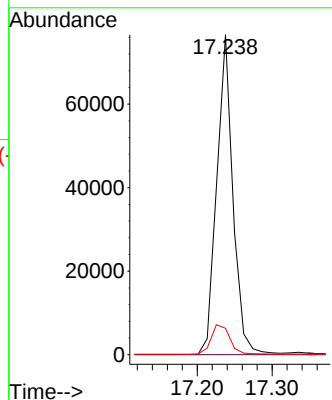
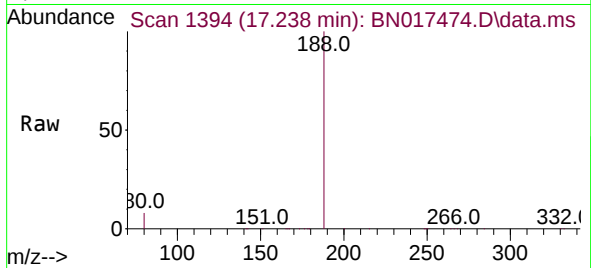




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017474.D
Acq: 16 Nov 2021 15:10

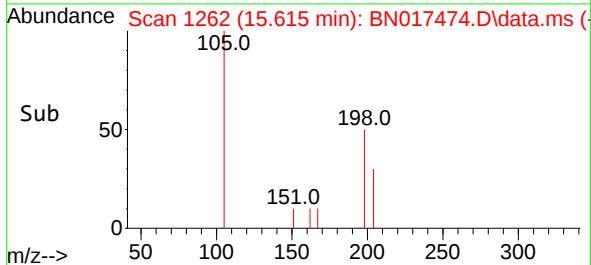
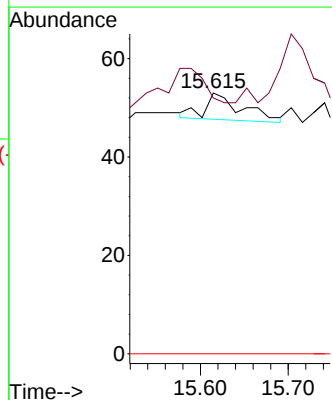
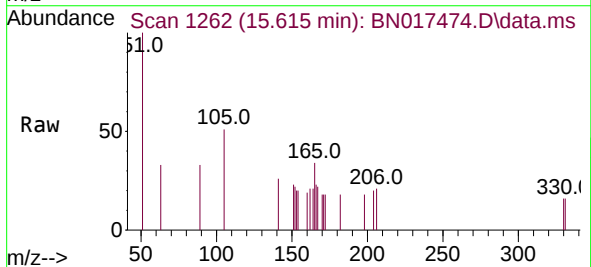
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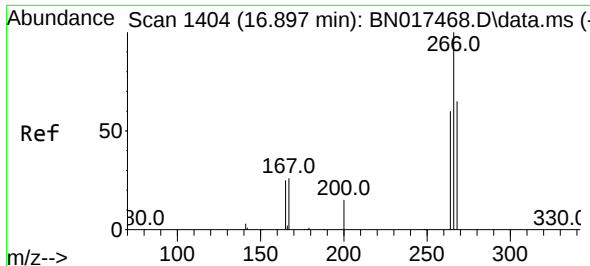
Tgt Ion:188 Resp: 114757
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 6.1 9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.093 ng
RT: 15.615 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BN017474.D
Acq: 16 Nov 2021 15:10

Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
182 98.1 11.4 17.2#
77 0.0 0.0 0.0

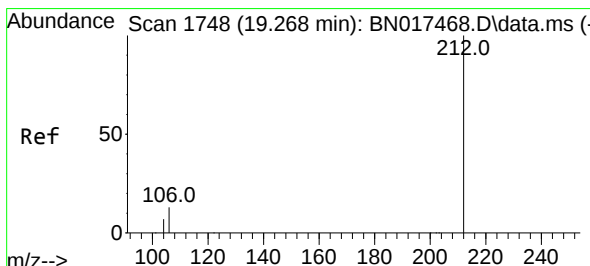
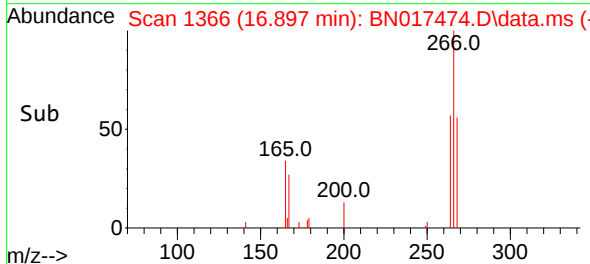
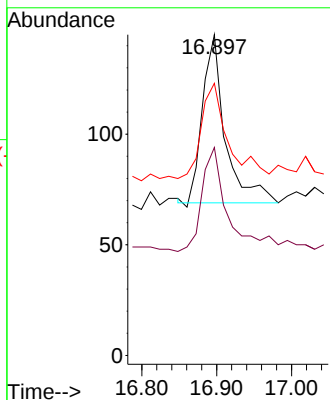
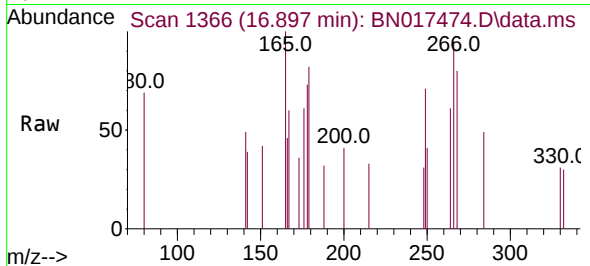




#24
 Pentachlorophenol
 Concen: 0.097 ng
 RT: 16.897 min Scan# 1111
 Delta R.T. -0.000 min
 Lab File: BN017474.D
 Acq: 16 Nov 2021 15:10

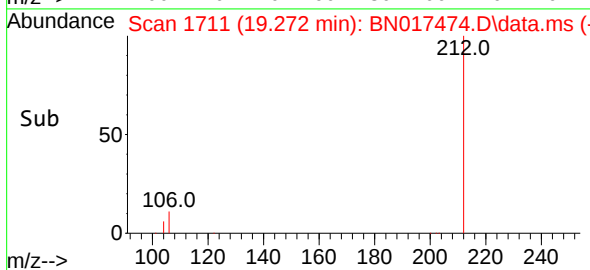
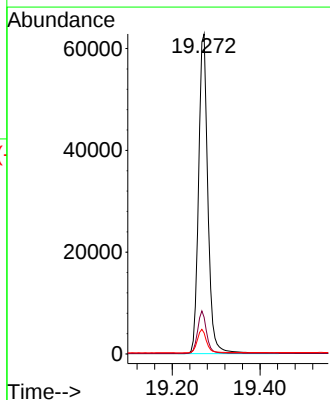
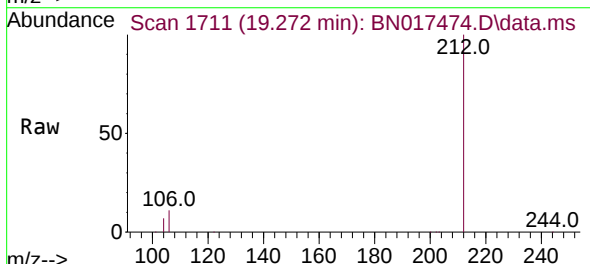
Instrument :
 BNA_N
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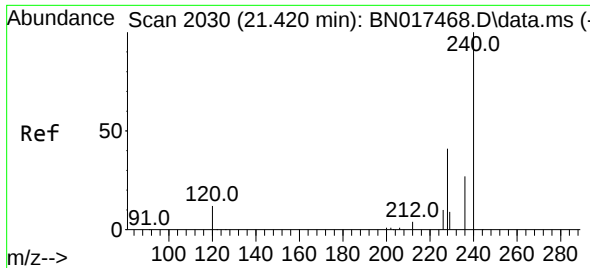
Tgt Ion:266 Resp: 159
 Ion Ratio Lower Upper
 266 100
 264 76.7 49.8 74.8#
 268 66.7 51.3 76.9



#27
 Fluoranthene-d10
 Concen: 0.269 ng
 RT: 19.272 min Scan# 1711
 Delta R.T. 0.005 min
 Lab File: BN017474.D
 Acq: 16 Nov 2021 15:10

Tgt Ion:212 Resp: 92046
 Ion Ratio Lower Upper
 212 100
 106 12.8 10.5 15.7
 104 7.2 5.8 8.6

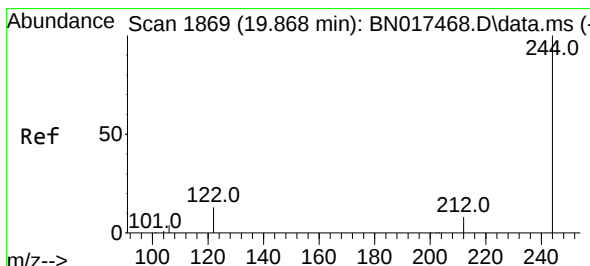
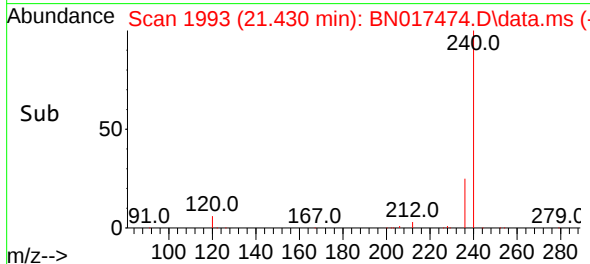
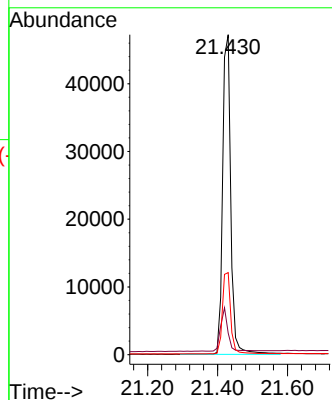
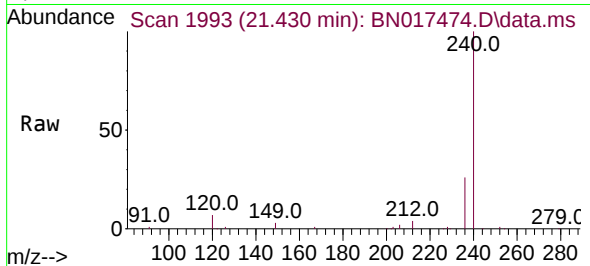




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.430 min Scan# 1993
Delta R.T. 0.011 min
Lab File: BN017474.D
Acq: 16 Nov 2021 15:10

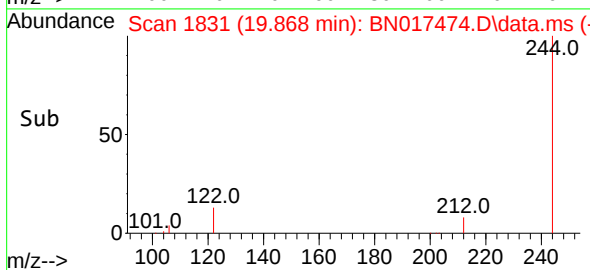
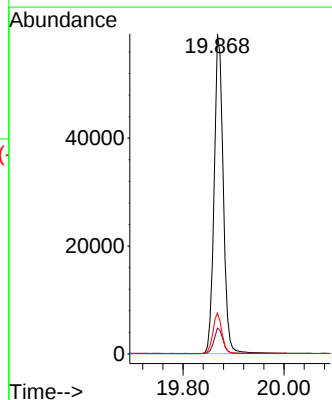
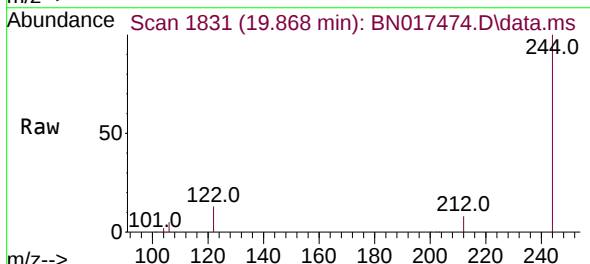
Instrument :
BNA_N
ClientSampleId :
PB140437BL

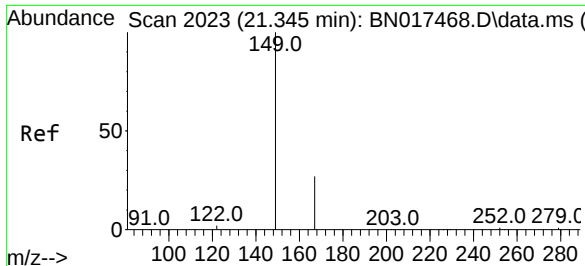
Tgt Ion:240 Resp: 76077
Ion Ratio Lower Upper
240 100
120 6.7 4.2 6.2#
236 25.7 20.0 30.0



#31
Terphenyl-d14
Concen: 0.397 ng
RT: 19.868 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BN017474.D
Acq: 16 Nov 2021 15:10

Tgt Ion:244 Resp: 74128
Ion Ratio Lower Upper
244 100
212 8.1 5.7 8.5
122 12.8 8.6 13.0

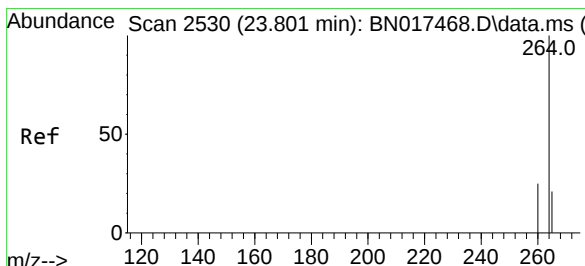
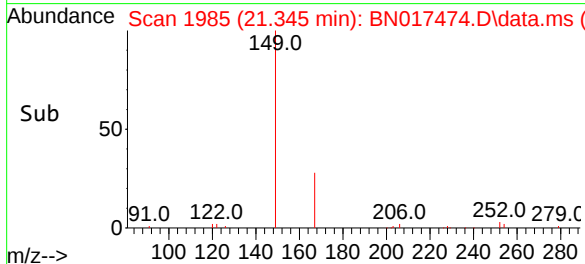
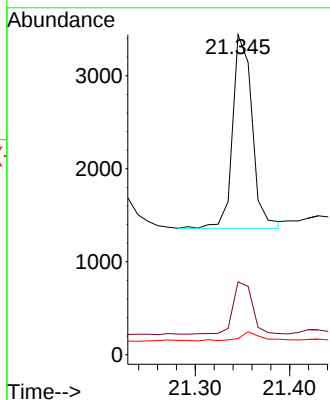
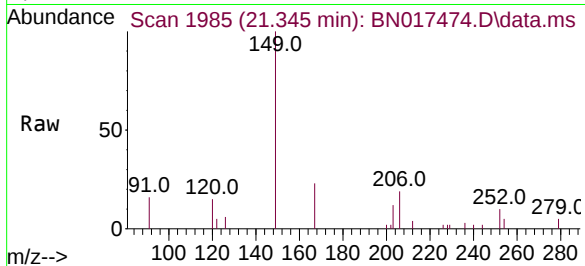




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.024 ng
RT: 21.345 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BN017474.D
Acq: 16 Nov 2021 15:10

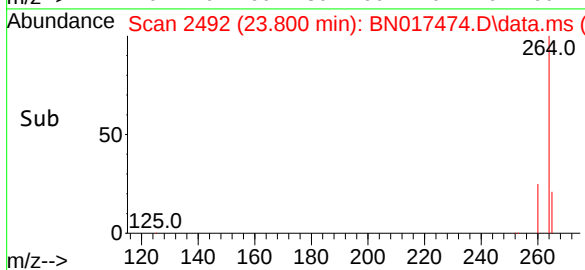
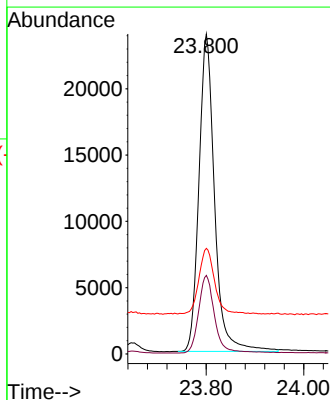
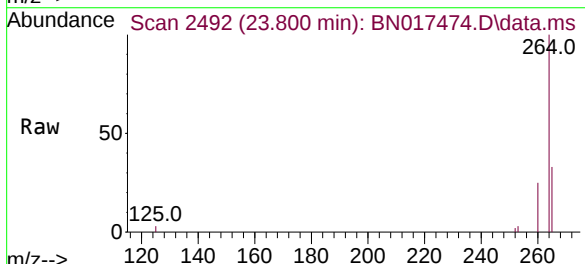
Instrument :
BNA_N
ClientSampleId :
PB140437BL

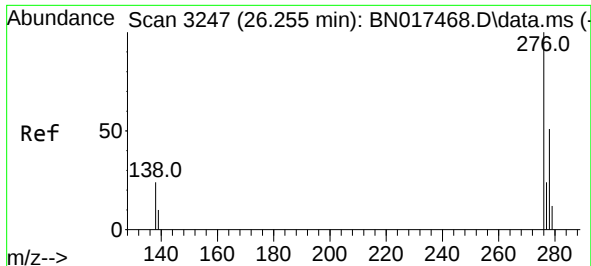
Tgt Ion:149 Resp: 2999
Ion Ratio Lower Upper
149 100
167 26.8 21.8 32.6
279 5.5 3.4 5.0#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.800 min Scan# 2492
Delta R.T. -0.000 min
Lab File: BN017474.D
Acq: 16 Nov 2021 15:10

Tgt Ion:264 Resp: 53076
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 33.0 18.6 28.0#

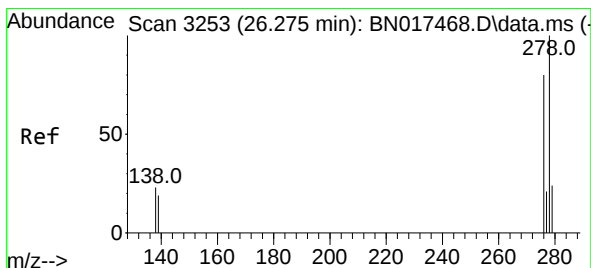
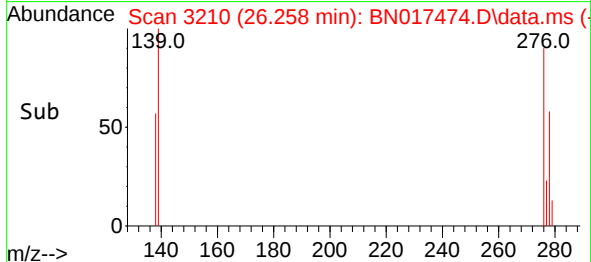
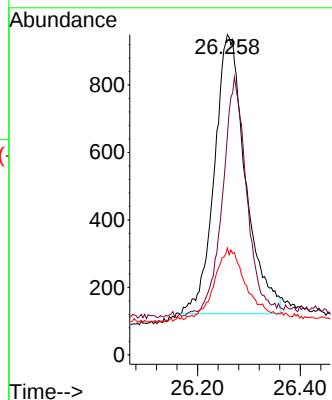
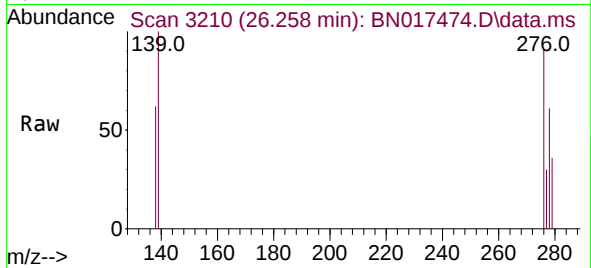




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.028 ng
 RT: 26.258 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BN017474.D
 Acq: 16 Nov 2021 15:10

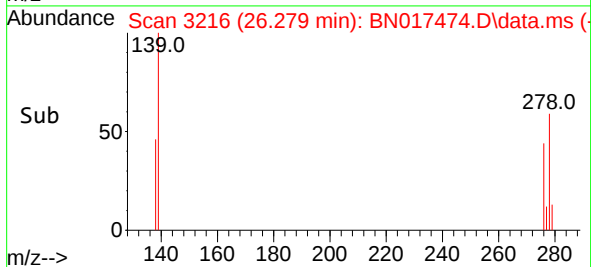
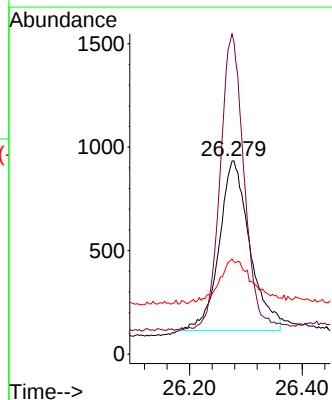
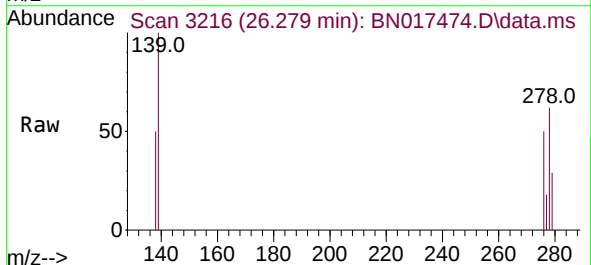
Instrument :
 BNA_N
 ClientSampleId :
 PB140437BL

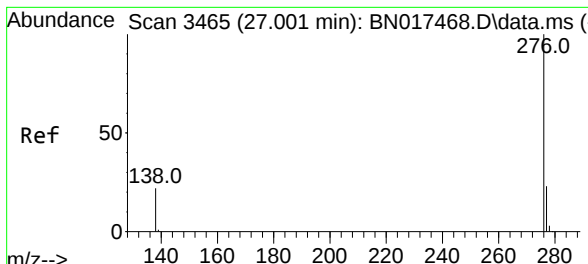
Tgt Ion:276 Resp: 3464
 Ion Ratio Lower Upper
 276 100
 138 63.7 19.7 29.5#
 277 25.9 20.0 30.0



#40
 Dibenzo(a,h)anthracene
 Concen: 0.033 ng
 RT: 26.279 min Scan# 3216
 Delta R.T. 0.003 min
 Lab File: BN017474.D
 Acq: 16 Nov 2021 15:10

Tgt Ion:278 Resp: 3107
 Ion Ratio Lower Upper
 278 100
 139 161.6 13.0 19.6#
 279 47.6 19.2 28.8#





#41

Benzo(g,h,i)perylene

Concen: 0.025 ng

RT: 27.008 min Scan# 34

Delta R.T. 0.007 min

Lab File: BN017474.D

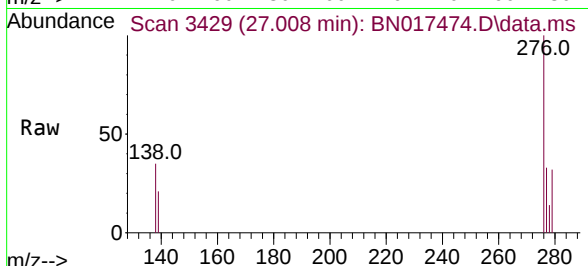
Acq: 16 Nov 2021 15:10

Instrument :

BNA_N

ClientSampleId :

PB140437BL



Tgt Ion:276 Resp: 2833

Ion Ratio Lower Upper

276 100

277 32.5 19.0 28.4#

138 34.9 17.1 25.7#

