

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111721\
 Data File : BN017492.D
 Acq On : 17 Nov 2021 11:37
 Operator : CG/JU
 Sample : PB140411BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB140411BL

Quant Time: Nov 17 12:08:16 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)

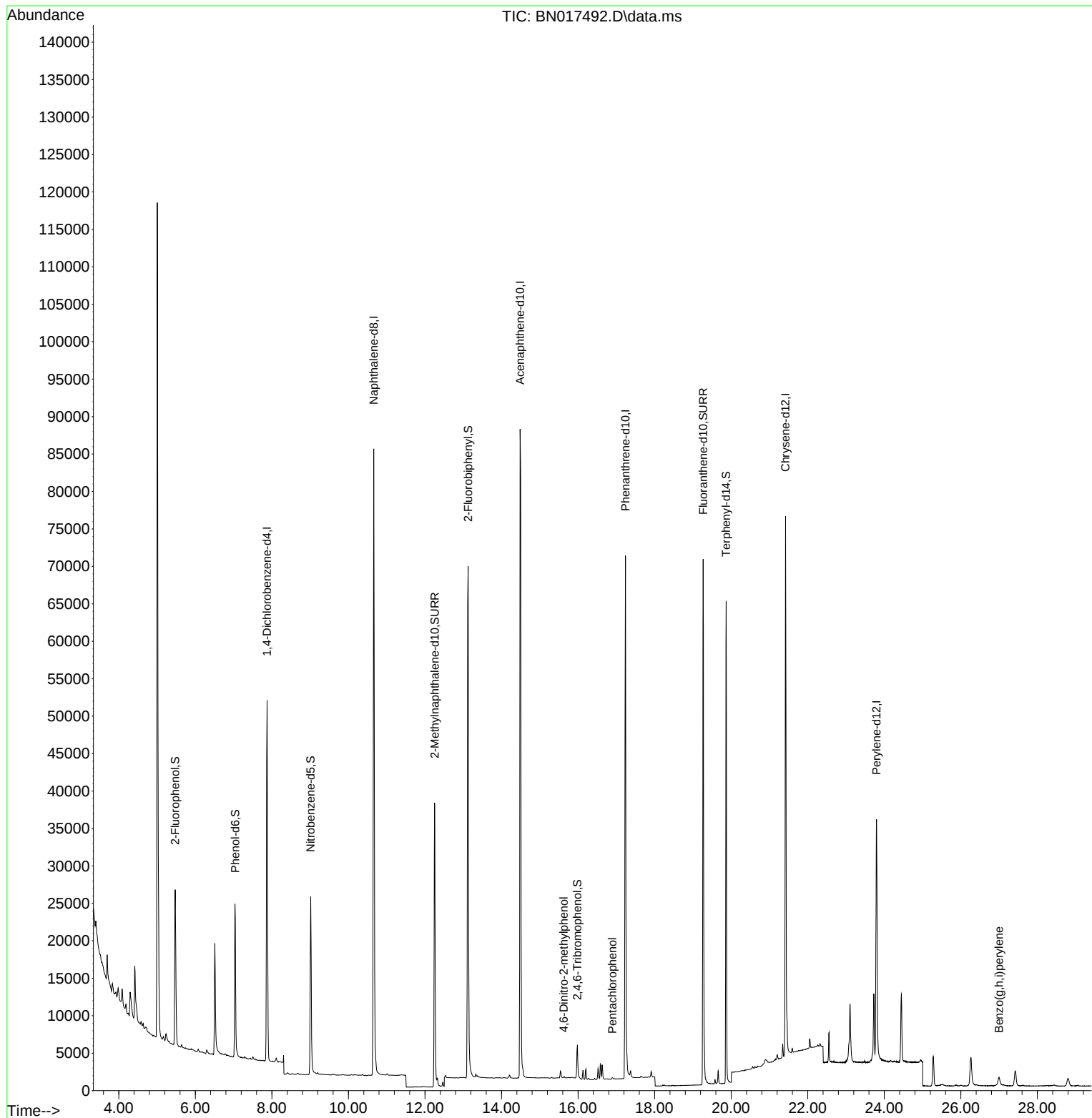
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	27144	0.400	ng	0.00
7) Naphthalene-d8	10.661	136	119877	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	60798	0.400	ng	-0.01
19) Phenanthrene-d10	17.238	188	104505	0.400	ng	0.00
29) Chrysene-d12	21.419	240	71234	0.400	ng	# 0.00
35) Perylene-d12	23.797	264	50041	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.476	112	20935	0.324	ng	0.03
5) Phenol-d6	7.044	99	21349	0.307	ng	0.00
8) Nitrobenzene-d5	9.013	82	21605	0.291	ng	0.00
11) 2-Methylnaphthalene-d10	12.253	152	57674	0.293	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	4082	0.264	ng	0.00
15) 2-Fluorobiphenyl	13.128	172	74753	0.326	ng	0.00
27) Fluoranthene-d10	19.267	212	87027	0.279	ng	0.00
31) Terphenyl-d14	19.868	244	66436	0.380	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.627	198	20	0.095	ng	# 1
24) Pentachlorophenol	16.897	266	164	0.098	ng	90
41) Benzo(g,h,i)perylene	26.997	276	2607	0.024	ng	# 76

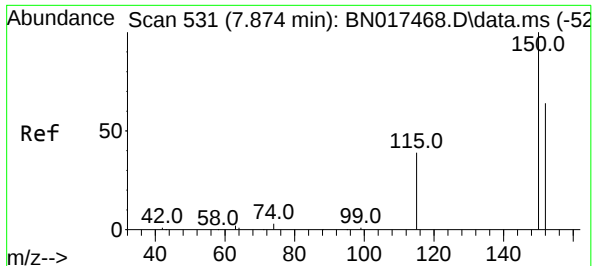
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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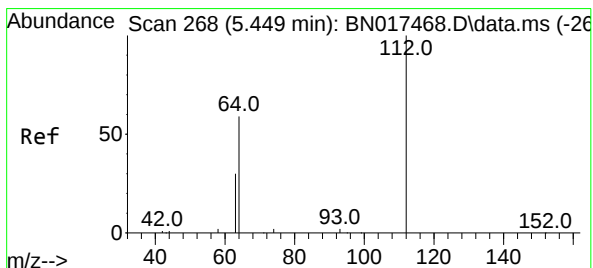
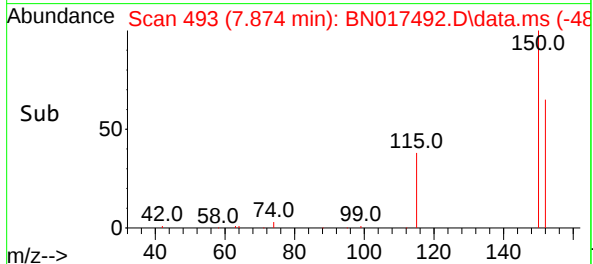
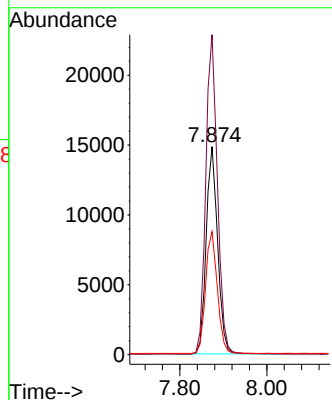
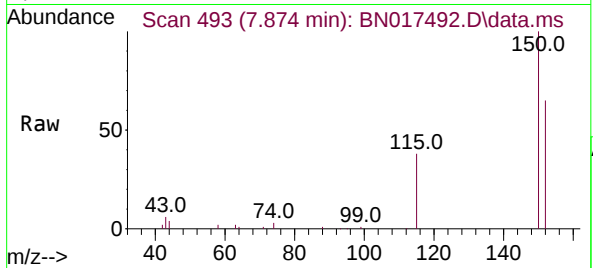




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.874 min Scan# 493
 Delta R.T. -0.000 min
 Lab File: BN017492.D
 Acq: 17 Nov 2021 11:37

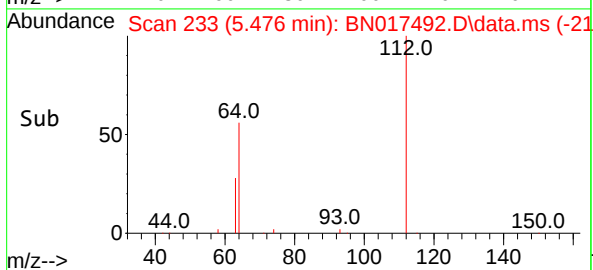
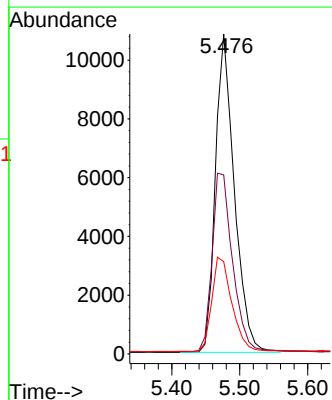
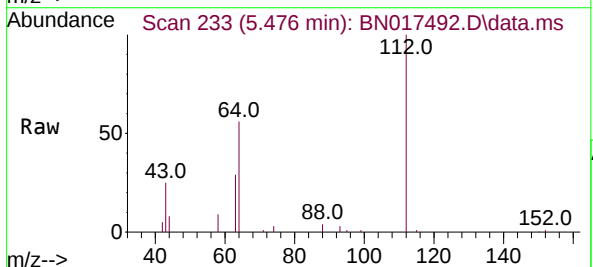
Instrument :
 BNA_N
 ClientSampleId :
 PB140411BL

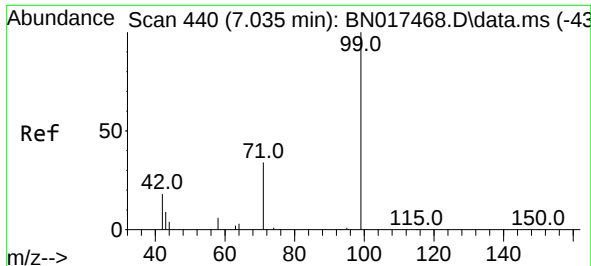
Tgt Ion:152 Resp: 27144
 Ion Ratio Lower Upper
 152 100
 150 153.9 123.0 184.4
 115 59.2 45.6 68.4



#4
 2-Fluorophenol
 Concen: 0.324 ng
 RT: 5.476 min Scan# 233
 Delta R.T. 0.027 min
 Lab File: BN017492.D
 Acq: 17 Nov 2021 11:37

Tgt Ion:112 Resp: 20935
 Ion Ratio Lower Upper
 112 100
 64 60.3 47.6 71.4
 63 31.5 24.6 37.0

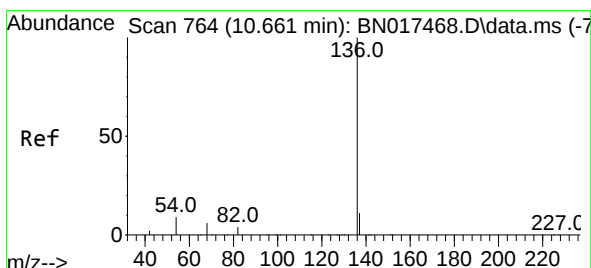
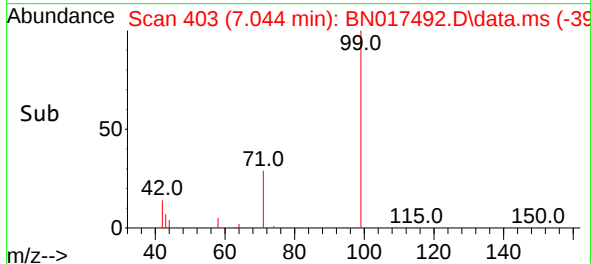
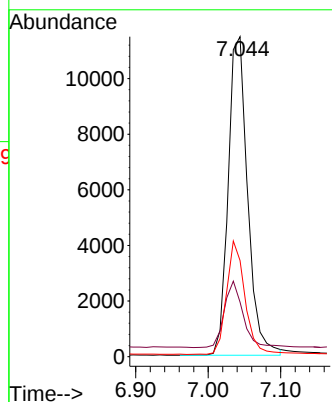
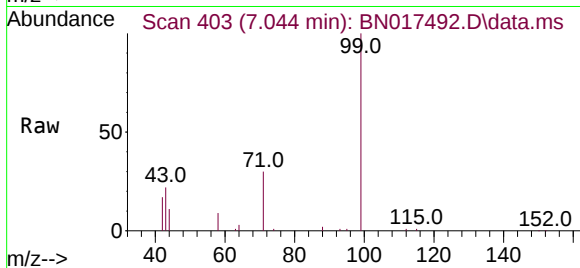




#5
Phenol-d6
Concen: 0.307 ng
RT: 7.044 min Scan# 40
Delta R.T. 0.009 min
Lab File: BN017492.D
Acq: 17 Nov 2021 11:37

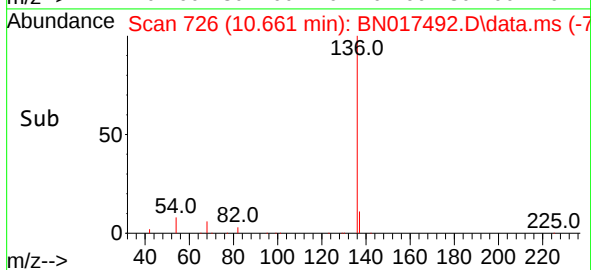
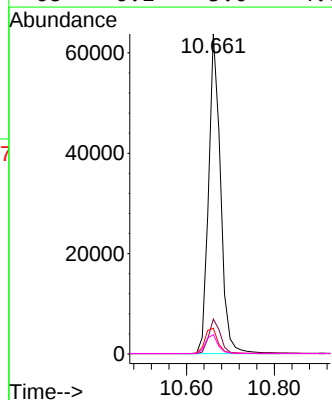
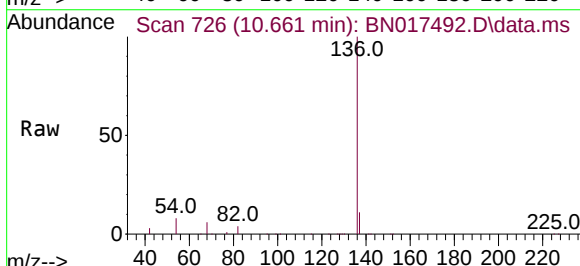
Instrument :
BNA_N
ClientSampleId :
PB140411BL

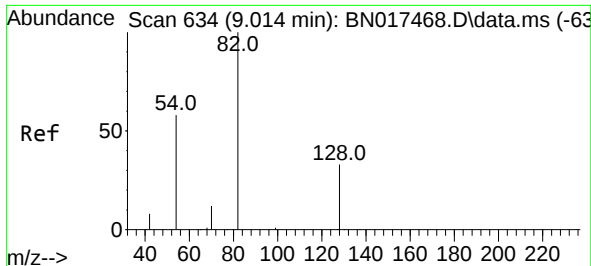
Tgt Ion: 99 Resp: 21349
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 33.7 24.8 37.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.661 min Scan# 726
Delta R.T. -0.000 min
Lab File: BN017492.D
Acq: 17 Nov 2021 11:37

Tgt Ion: 136 Resp: 119877
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.1 4.0 6.0#
68 6.1 3.0 4.6#

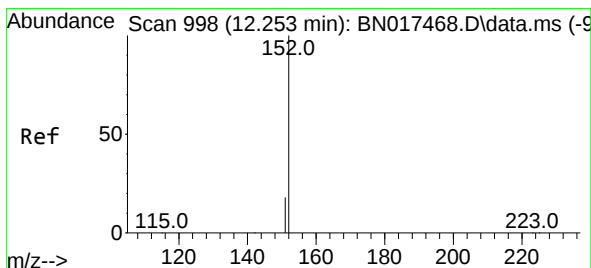
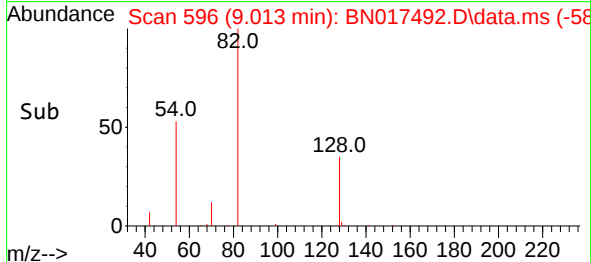
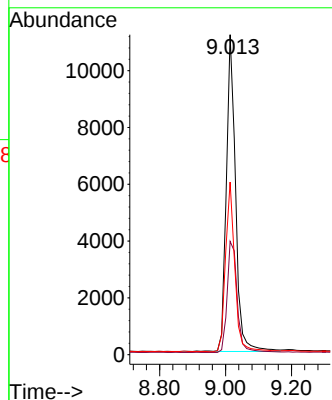
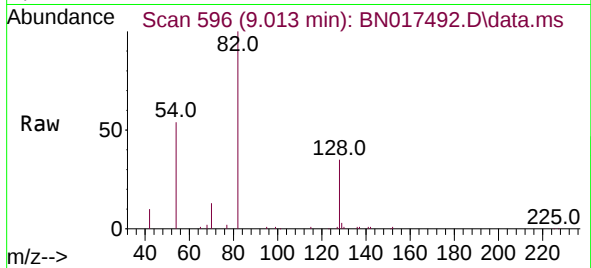




#8
Nitrobenzene-d5
Concen: 0.291 ng
RT: 9.013 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN017492.D
Acq: 17 Nov 2021 11:37

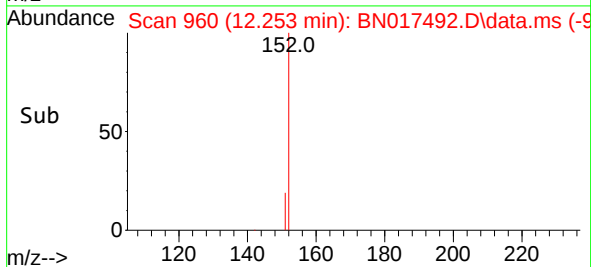
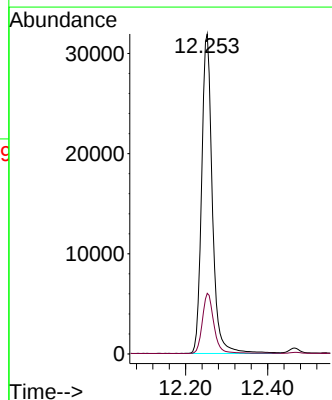
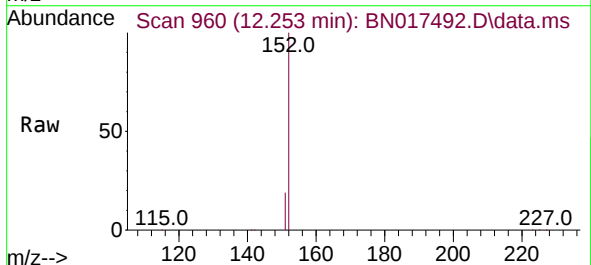
Instrument :
BNA_N
ClientSampleId :
PB140411BL

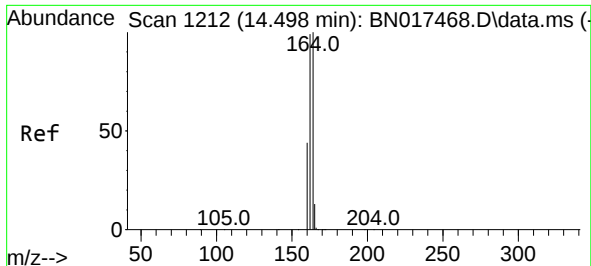
Tgt Ion: 82 Resp: 21605
Ion Ratio Lower Upper
82 100
128 35.4 27.7 41.5
54 53.9 49.2 73.8



#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 12.253 min Scan# 960
Delta R.T. -0.000 min
Lab File: BN017492.D
Acq: 17 Nov 2021 11:37

Tgt Ion: 152 Resp: 57674
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4

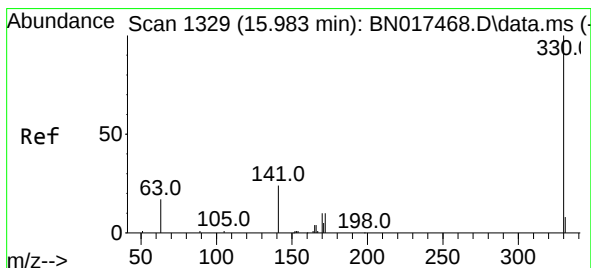
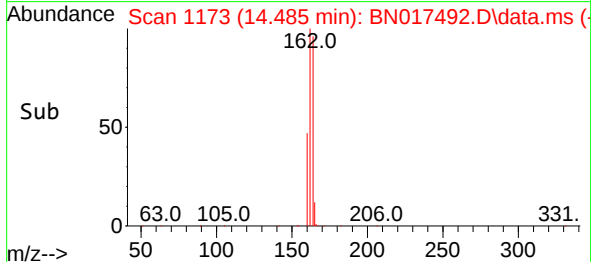
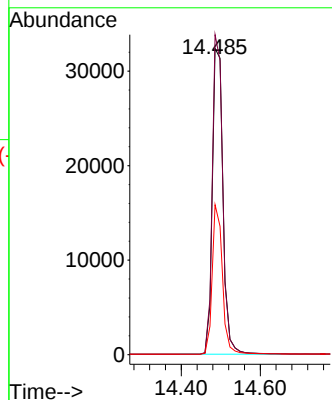
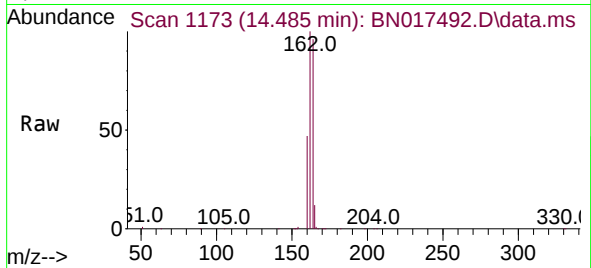




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 111
Delta R.T. -0.013 min
Lab File: BN017492.D
Acq: 17 Nov 2021 11:37

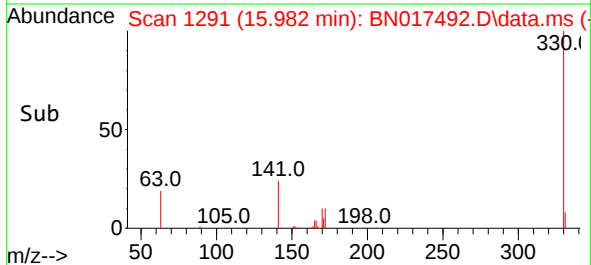
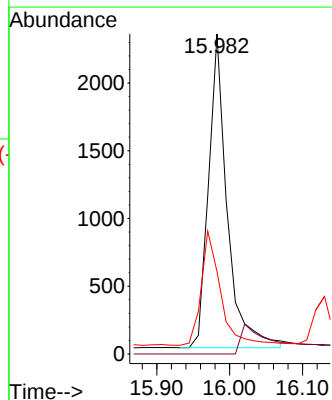
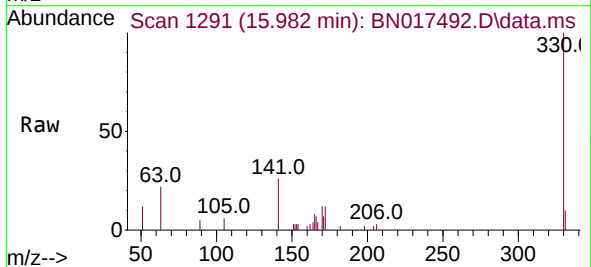
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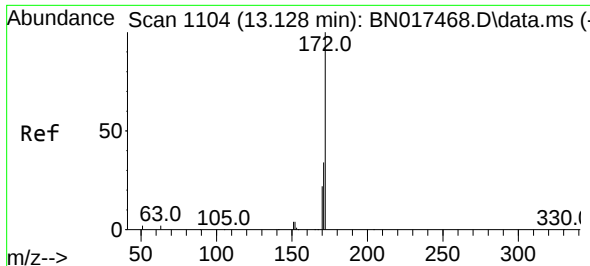
Tgt Ion:164 Resp: 60798
Ion Ratio Lower Upper
164 100
162 104.6 81.4 122.2
160 49.0 36.8 55.2



#14
2,4,6-Tribromophenol
Concen: 0.264 ng
RT: 15.982 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BN017492.D
Acq: 17 Nov 2021 11:37

Tgt Ion:330 Resp: 4082
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.7 28.9 43.3

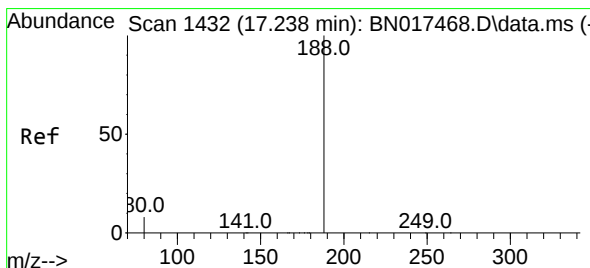
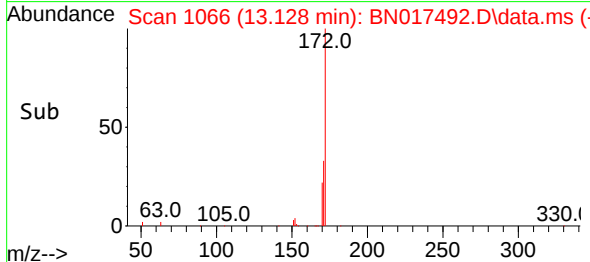
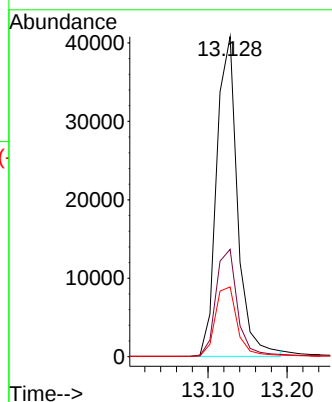
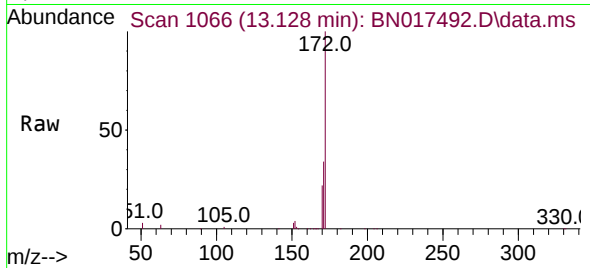




#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 13.128 min Scan# 1104
Delta R.T. -0.000 min
Lab File: BN017492.D
Acq: 17 Nov 2021 11:37

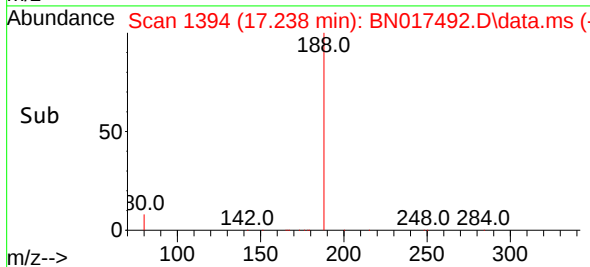
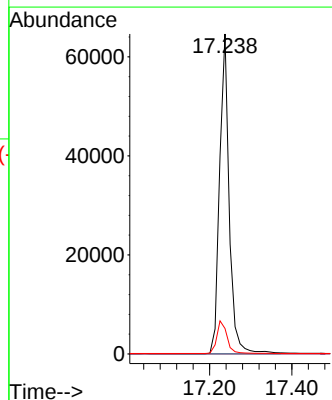
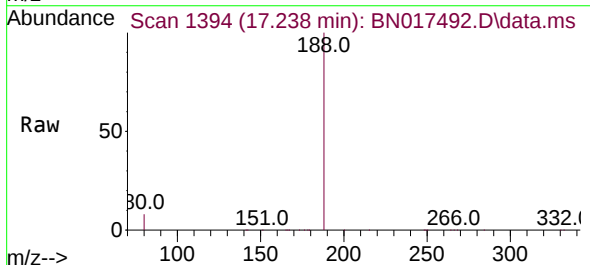
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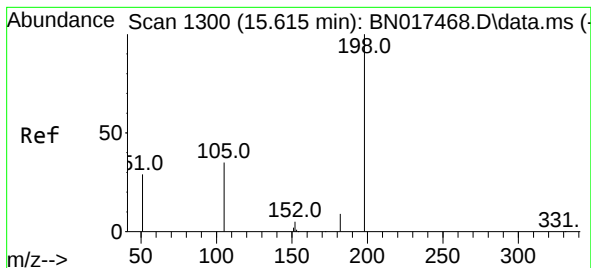
Tgt Ion:172 Resp: 74753
Ion Ratio Lower Upper
172 100
171 33.5 28.7 43.1
170 21.8 19.4 29.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.238 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BN017492.D
Acq: 17 Nov 2021 11:37

Tgt Ion:188 Resp: 104505
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 6.1 9.1

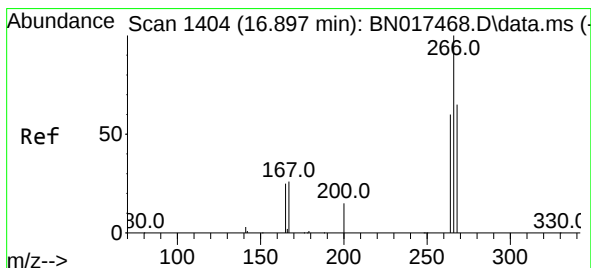
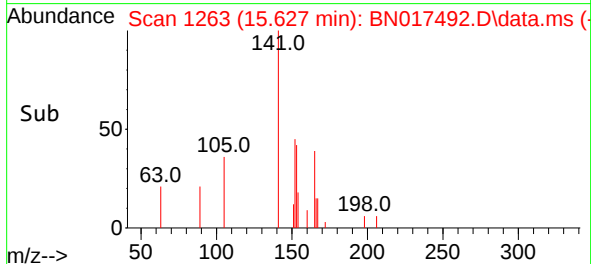
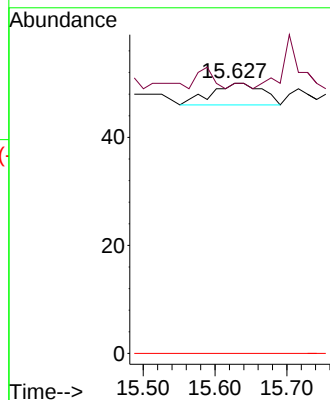
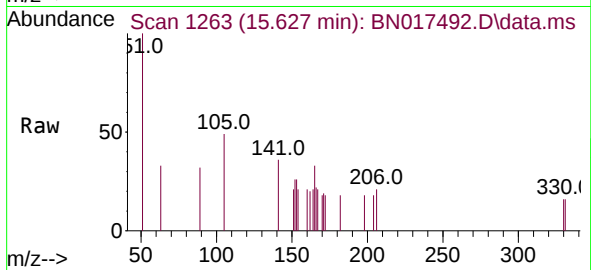




#20
4,6-Dinitro-2-methylphenol
Concen: 0.095 ng
RT: 15.627 min Scan# 1300
Delta R.T. 0.012 min
Lab File: BN017492.D
Acq: 17 Nov 2021 11:37

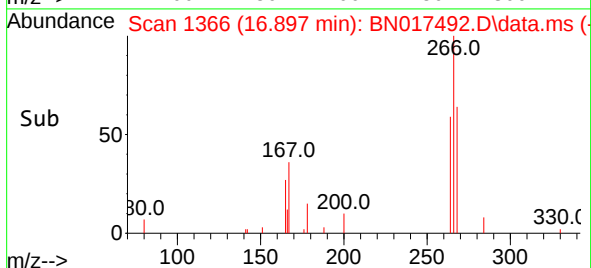
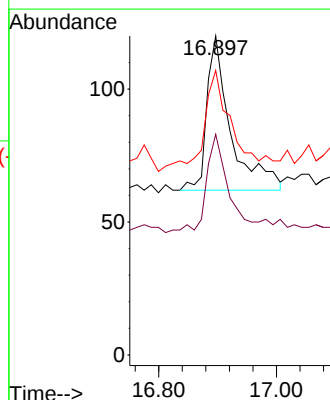
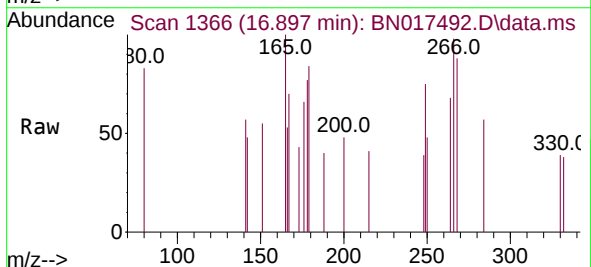
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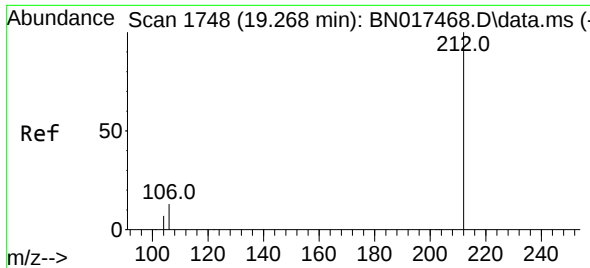
Tgt Ion:198 Resp: 20
Ion Ratio Lower Upper
198 100
182 100.0 11.4 17.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.098 ng
RT: 16.897 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BN017492.D
Acq: 17 Nov 2021 11:37

Tgt Ion:266 Resp: 164
Ion Ratio Lower Upper
266 100
264 53.7 49.8 74.8
268 56.7 51.3 76.9

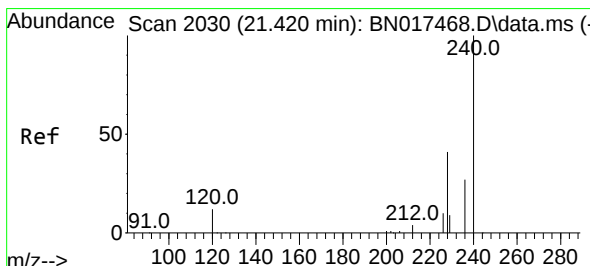
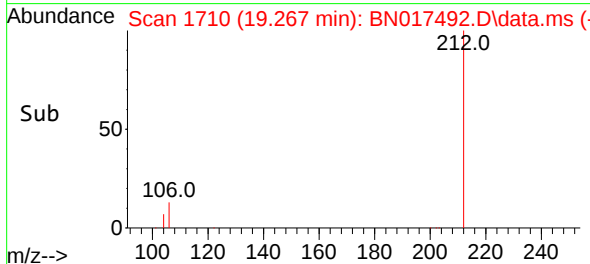
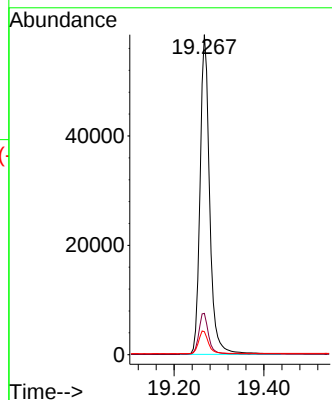
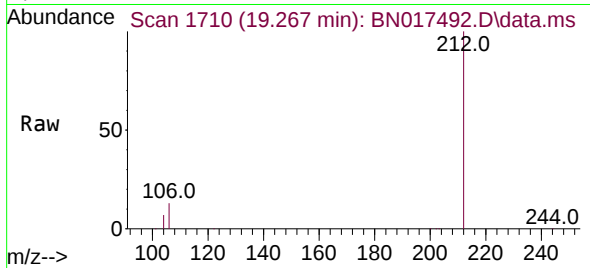




#27
Fluoranthene-d10
Concen: 0.279 ng
RT: 19.267 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017492.D
Acq: 17 Nov 2021 11:37

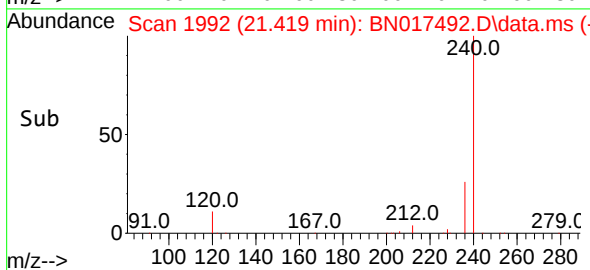
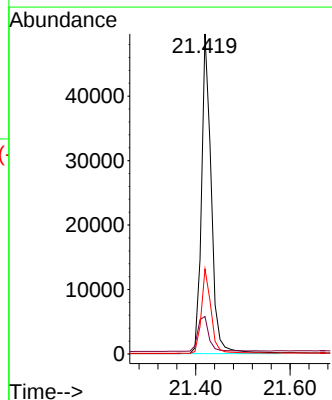
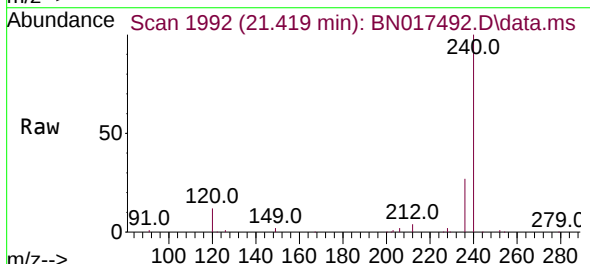
Instrument :
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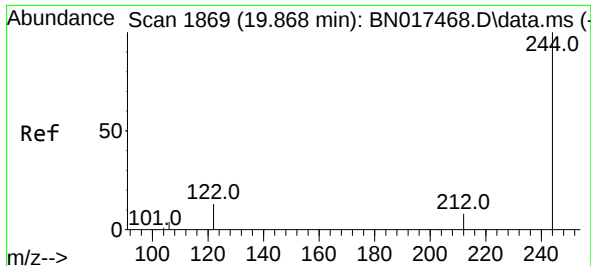
Tgt Ion:212 Resp: 87027
Ion Ratio Lower Upper
212 100
106 12.9 10.5 15.7
104 7.3 5.8 8.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.419 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BN017492.D
Acq: 17 Nov 2021 11:37

Tgt Ion:240 Resp: 71234
Ion Ratio Lower Upper
240 100
120 11.7 4.2 6.2#
236 26.6 20.0 30.0

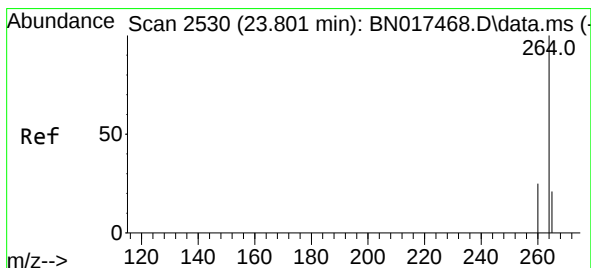
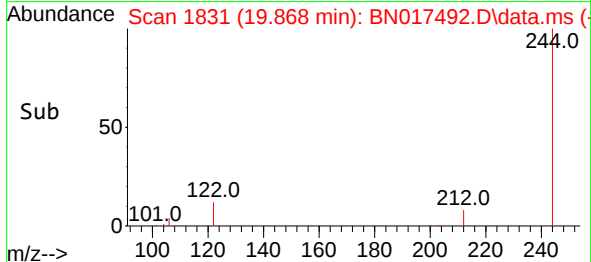
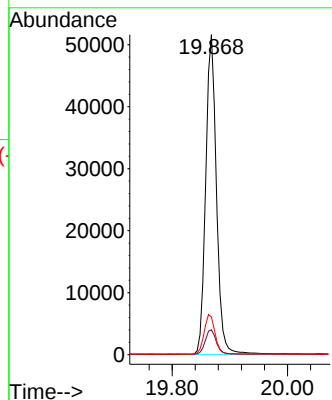
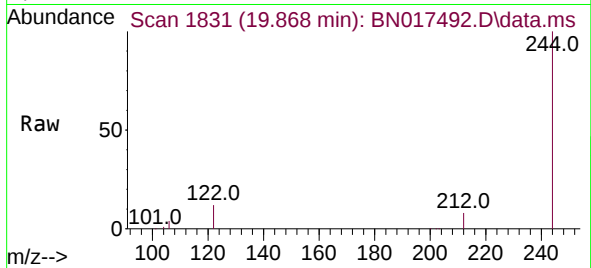




#31
Terphenyl-d14
Concen: 0.380 ng
RT: 19.868 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017492.D
Acq: 17 Nov 2021 11:37

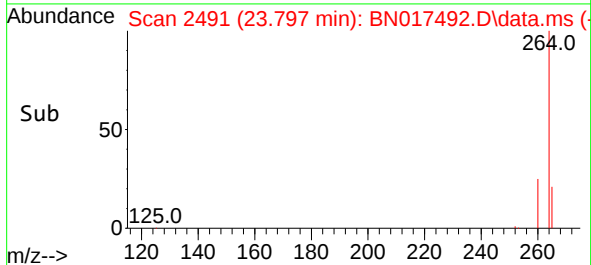
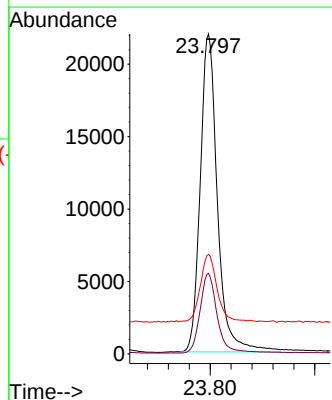
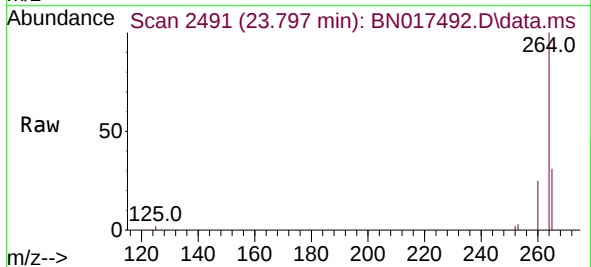
Instrument :
BNA_N
ClientSampleId :
PB140411BL

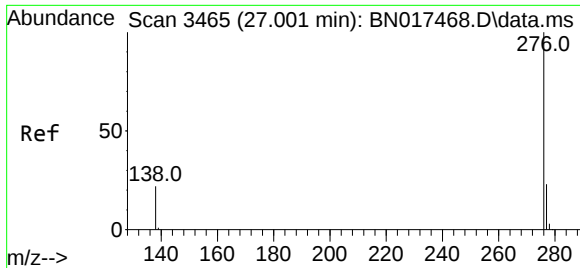
Tgt Ion:244 Resp: 66436
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 11.8 8.6 13.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.797 min Scan# 2491
Delta R.T. -0.004 min
Lab File: BN017492.D
Acq: 17 Nov 2021 11:37

Tgt Ion:264 Resp: 50041
Ion Ratio Lower Upper
264 100
260 25.2 19.4 29.2
265 31.1 18.6 28.0#





#41

Benzo(g,h,i)perylene

Concen: 0.024 ng

RT: 26.997 min Scan# 34

Delta R.T. -0.004 min

Lab File: BN017492.D

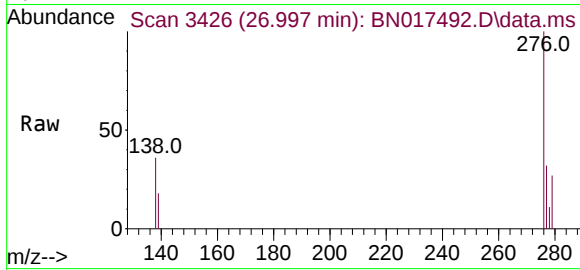
Acq: 17 Nov 2021 11:37

Instrument :

BNA_N

ClientSampleId :

PB140411BL



Tgt Ion:276 Resp: 2607

Ion Ratio Lower Upper

276 100

277 32.3 19.0 28.4#

138 35.8 17.1 25.7#

