

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111621\
 Data File : BN017480.D
 Acq On : 16 Nov 2021 20:30
 Operator : CG/JU
 Sample : PB140751BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB140751BL

Quant Time: Nov 17 00:24:02 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)

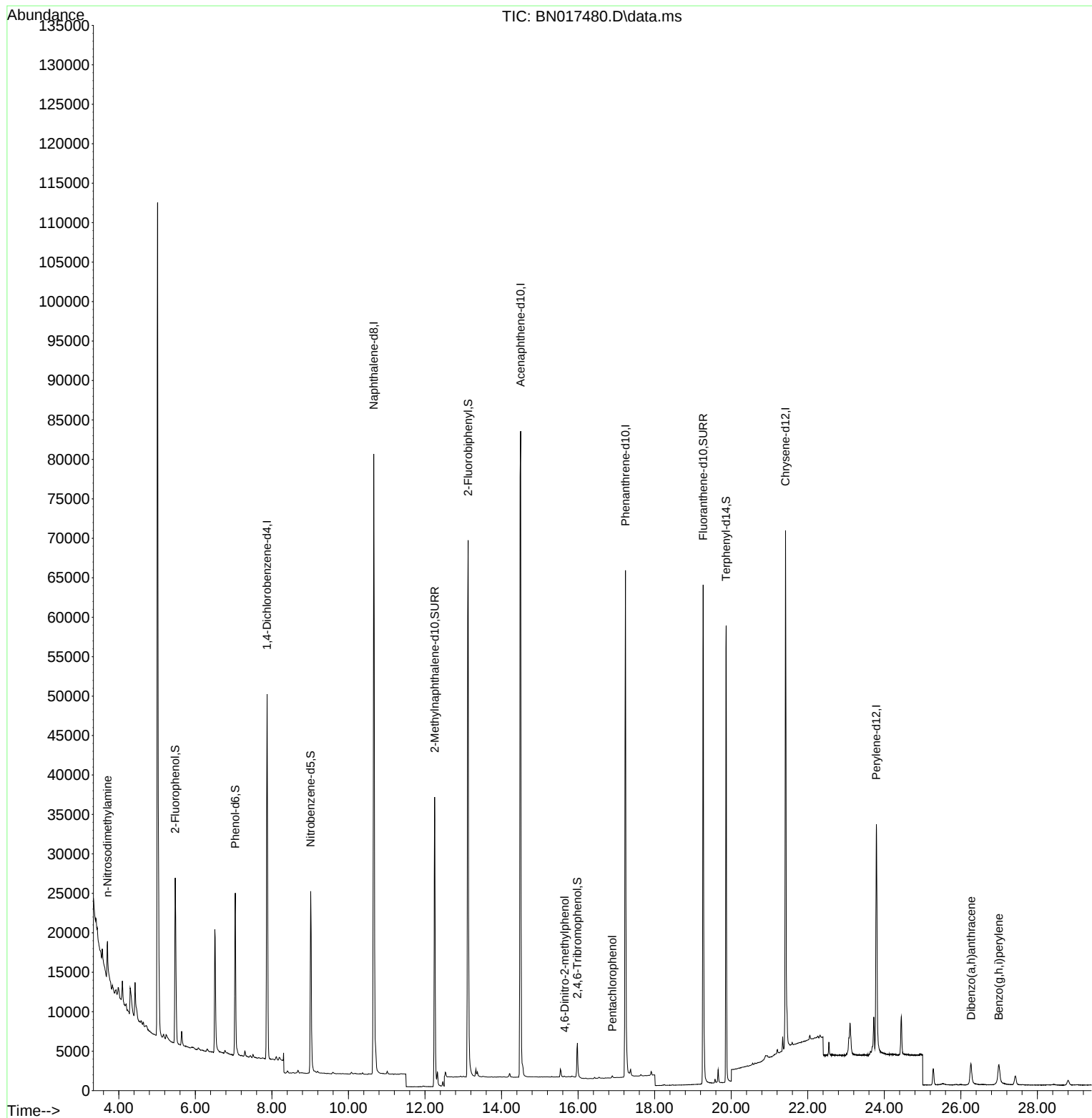
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	25601	0.400	ng	0.00
7) Naphthalene-d8	10.661	136	114513	0.400	ng	# 0.00
13) Acenaphthene-d10	14.498	164	57824	0.400	ng	0.00
19) Phenanthrene-d10	17.238	188	97501	0.400	ng	0.00
29) Chrysene-d12	21.420	240	65330	0.400	ng	# 0.00
35) Perylene-d12	23.794	264	45402	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.477	112	20389	0.335	ng	0.03
5) Phenol-d6	7.044	99	20805	0.317	ng	0.00
8) Nitrobenzene-d5	9.014	82	21115	0.297	ng	0.00
11) 2-Methylnaphthalene-d10	12.253	152	54941	0.292	ng	0.00
14) 2,4,6-Tribromophenol	15.983	330	3943	0.268	ng	0.00
15) 2-Fluorobiphenyl	13.128	172	71915	0.330	ng	0.00
27) Fluoranthene-d10	19.268	212	79765	0.274	ng	0.00
31) Terphenyl-d14	19.868	244	61186	0.381	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.706	42	1054	0.049	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.653	198	18	0.094	ng	# 1
24) Pentachlorophenol	16.897	266	210	0.102	ng	95
40) Dibenzo(a,h)anthracene	26.268	278	1618	0.020	ng	# 1
41) Benzo(g,h,i)perylene	26.994	276	7647	0.078	ng	# 91

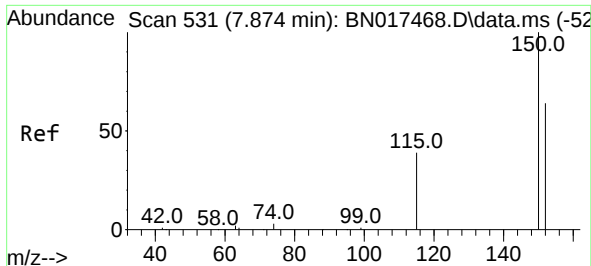
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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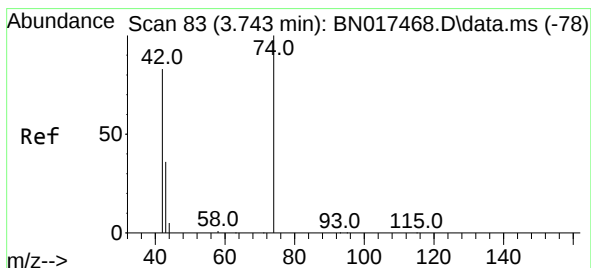
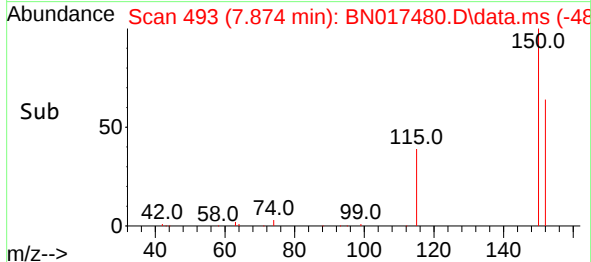
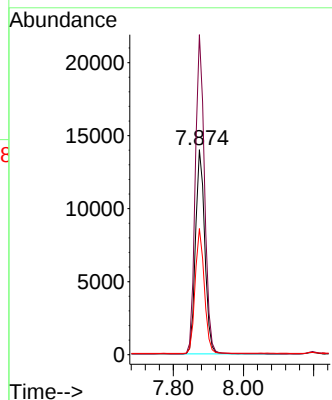
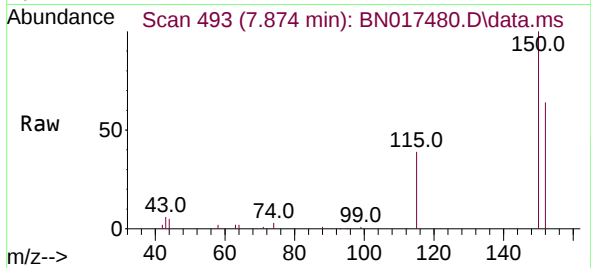




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.874 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN017480.D
Acq: 16 Nov 2021 20:30

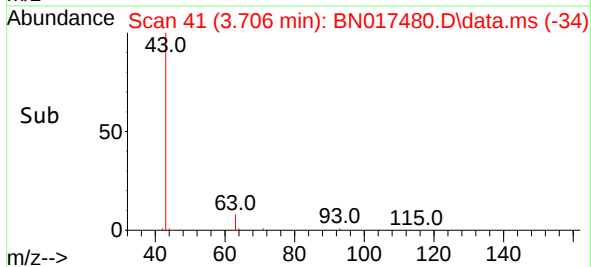
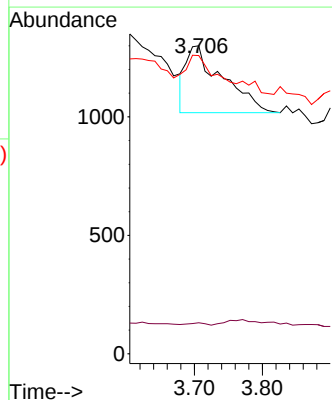
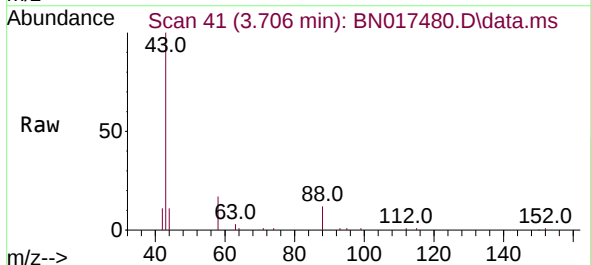
Instrument :
BNA_N
ClientSampleId :
PB140751BL

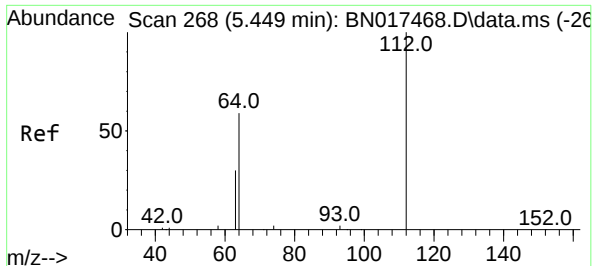
Tgt Ion:152 Resp: 25601
Ion Ratio Lower Upper
152 100
150 156.1 123.0 184.4
115 61.6 45.6 68.4



#3
n-Nitrosodimethylamine
Concen: 0.049 ng
RT: 3.706 min Scan# 41
Delta R.T. -0.037 min
Lab File: BN017480.D
Acq: 16 Nov 2021 20:30

Tgt Ion: 42 Resp: 1054
Ion Ratio Lower Upper
42 100
74 1.4 97.8 146.6#
44 27.3 5.5 8.3#

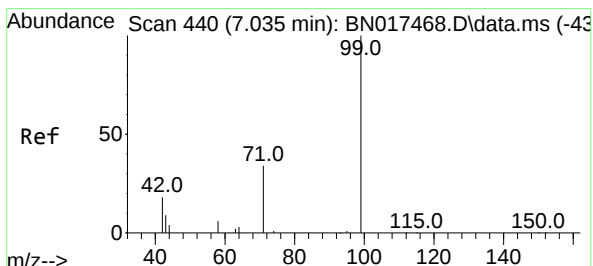
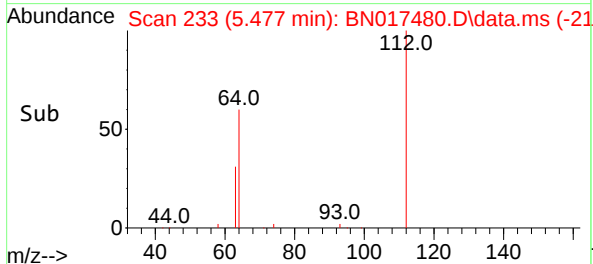
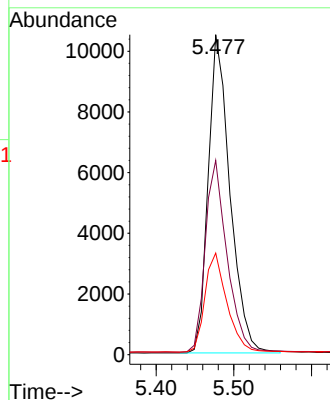
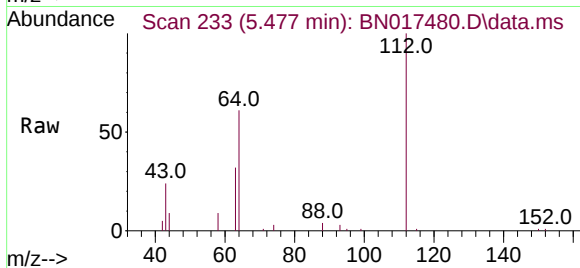




#4
2-Fluorophenol
Concen: 0.335 ng
RT: 5.477 min Scan# 21
Delta R.T. 0.028 min
Lab File: BN017480.D
Acq: 16 Nov 2021 20:30

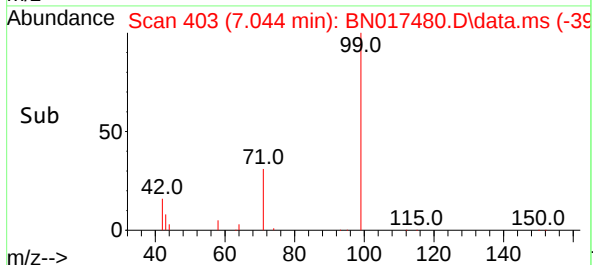
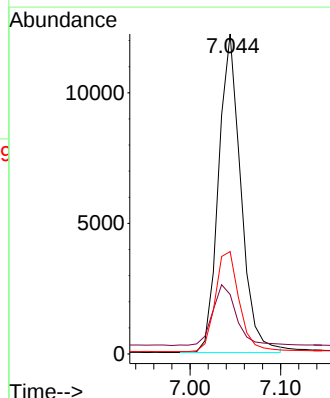
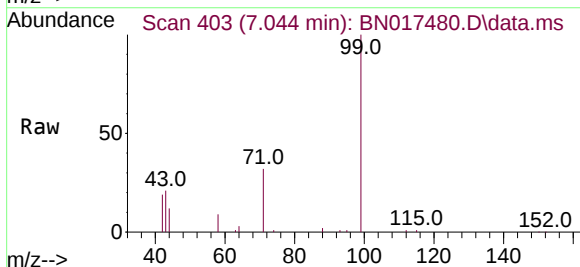
Instrument :
BNA_N
ClientSampleId :
PB140751BL

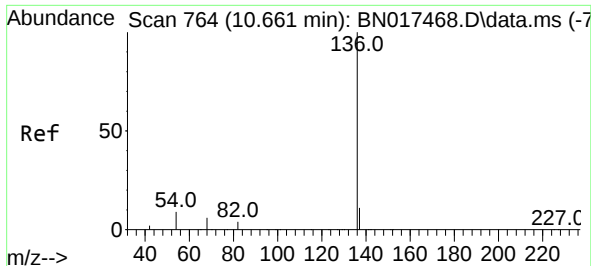
Tgt Ion:112 Resp: 20389
Ion Ratio Lower Upper
112 100
64 60.1 47.6 71.4
63 31.4 24.6 37.0



#5
Phenol-d6
Concen: 0.317 ng
RT: 7.044 min Scan# 403
Delta R.T. 0.009 min
Lab File: BN017480.D
Acq: 16 Nov 2021 20:30

Tgt Ion: 99 Resp: 20805
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 33.8 24.8 37.2

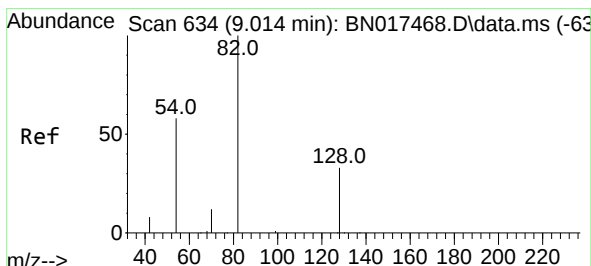
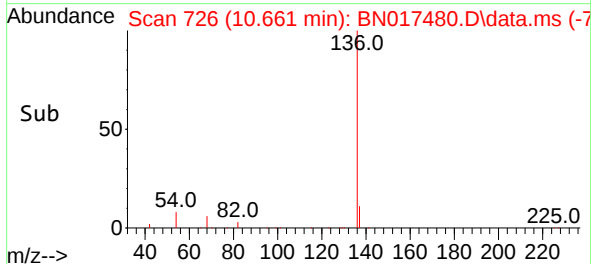
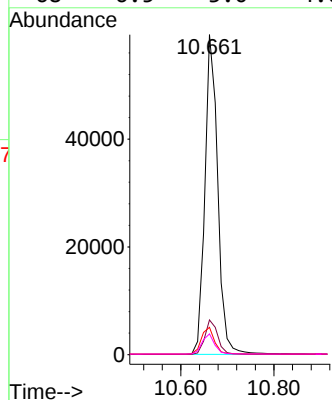
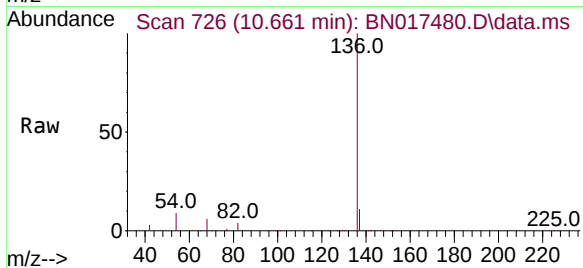




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.661 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017480.D
Acq: 16 Nov 2021 20:30

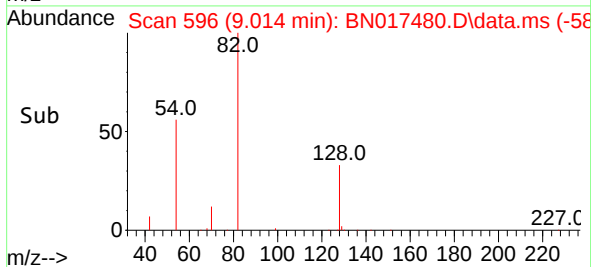
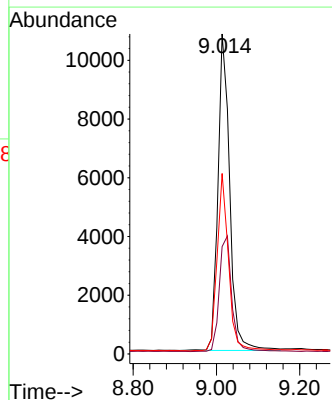
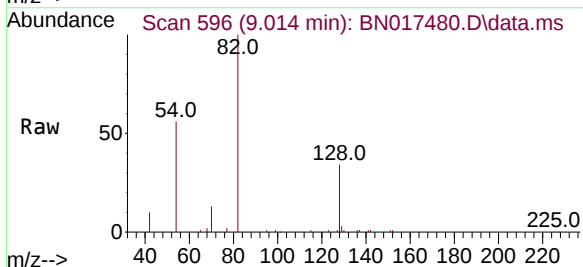
Instrument :
BNA_N
ClientSampleId :
PB140751BL

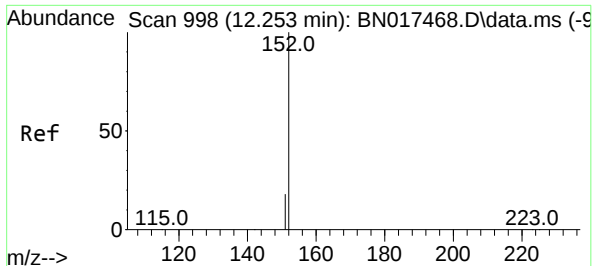
Tgt Ion:136 Resp: 114513
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.5 4.0 6.0#
68 6.5 3.0 4.6#



#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 9.014 min Scan# 596
Delta R.T. -0.000 min
Lab File: BN017480.D
Acq: 16 Nov 2021 20:30

Tgt Ion: 82 Resp: 21115
Ion Ratio Lower Upper
82 100
128 33.6 27.7 41.5
54 56.4 49.2 73.8





#11

2-Methylnaphthalene-d10

Concen: 0.292 ng

RT: 12.253 min Scan# 9

Delta R.T. -0.000 min

Lab File: BN017480.D

Acq: 16 Nov 2021 20:30

Instrument :

BNA_N

ClientSampleId :

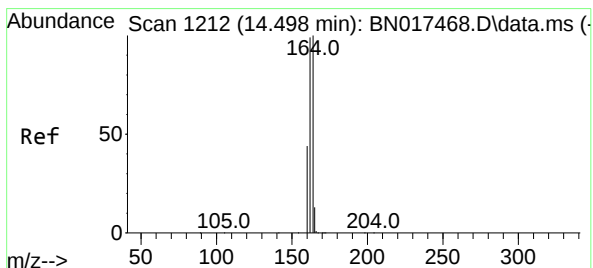
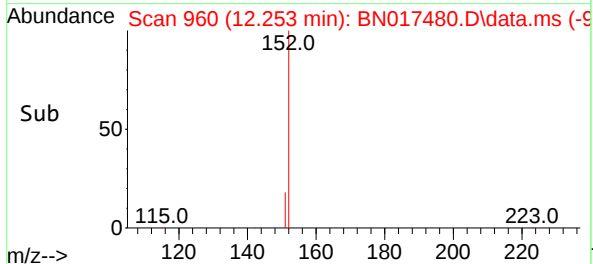
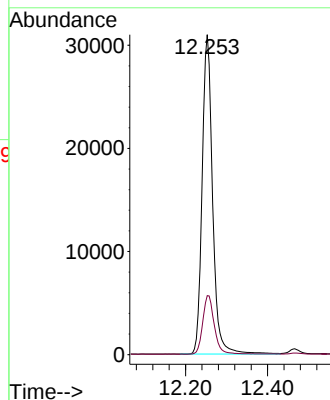
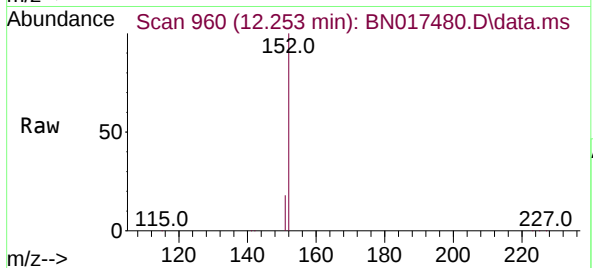
PB140751BL

Tgt Ion:152 Resp: 54941

Ion Ratio Lower Upper

152 100

151 20.3 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: BN017480.D

Acq: 16 Nov 2021 20:30

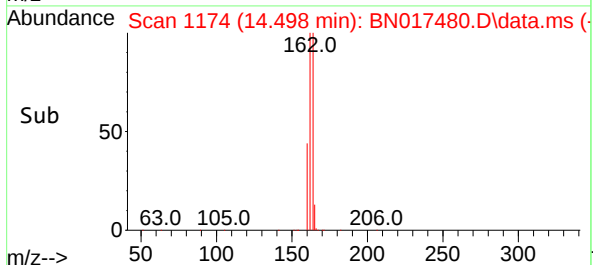
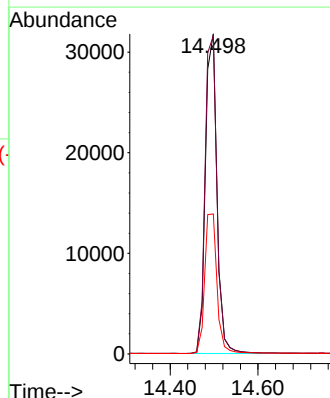
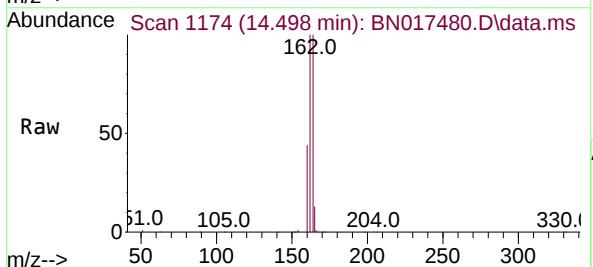
Tgt Ion:164 Resp: 57824

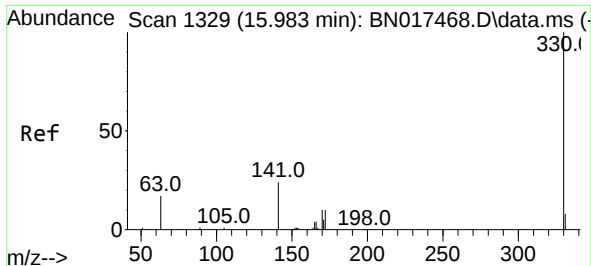
Ion Ratio Lower Upper

164 100

162 99.5 81.4 122.2

160 43.8 36.8 55.2

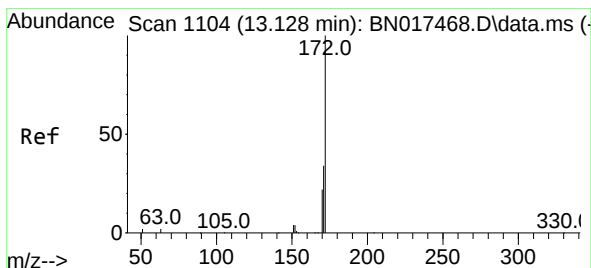
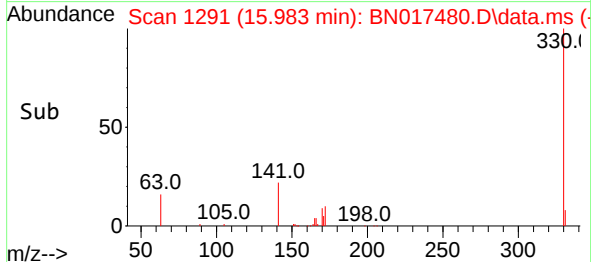
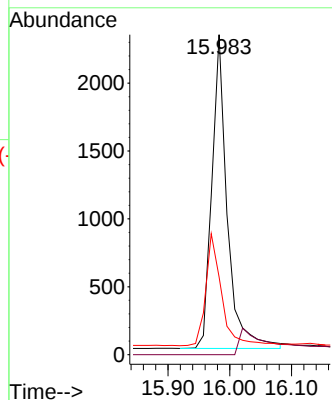
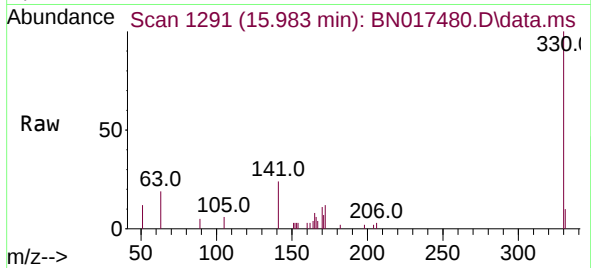




#14
2,4,6-Tribromophenol
Concen: 0.268 ng
RT: 15.983 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BN017480.D
Acq: 16 Nov 2021 20:30

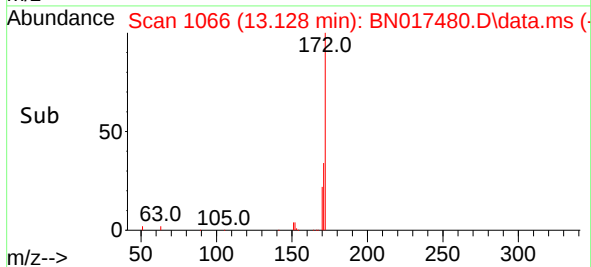
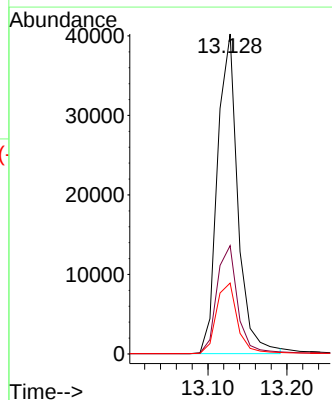
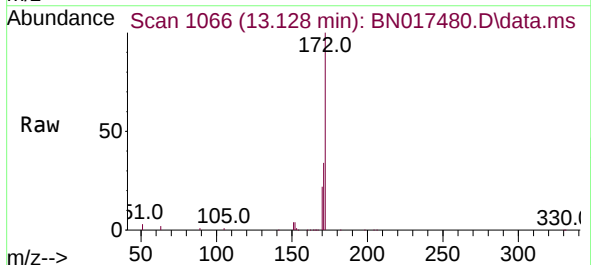
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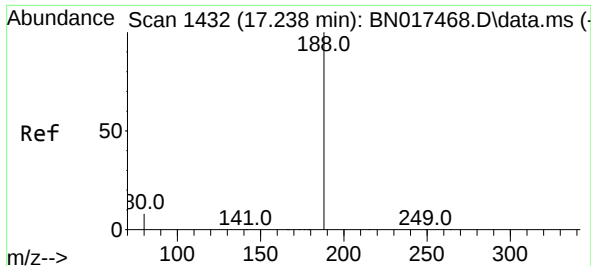
Tgt Ion:330 Resp: 3943
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.8 28.9 43.3



#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 13.128 min Scan# 1066
Delta R.T. -0.000 min
Lab File: BN017480.D
Acq: 16 Nov 2021 20:30

Tgt Ion:172 Resp: 71915
Ion Ratio Lower Upper
172 100
171 33.8 28.7 43.1
170 22.2 19.4 29.2

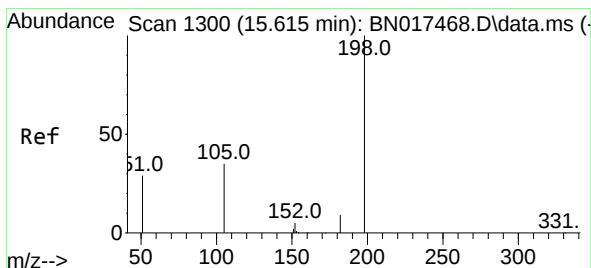
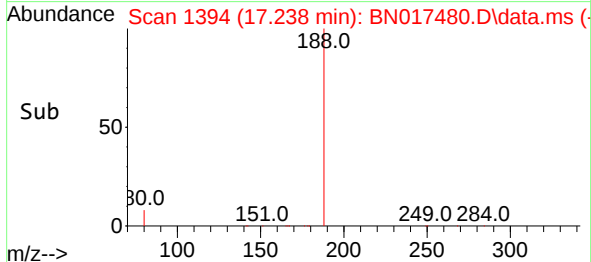
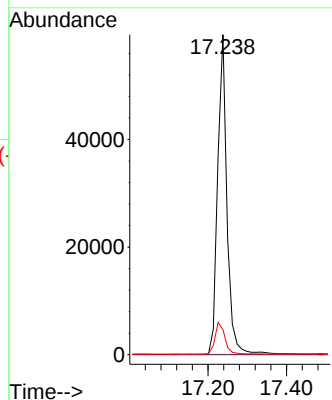
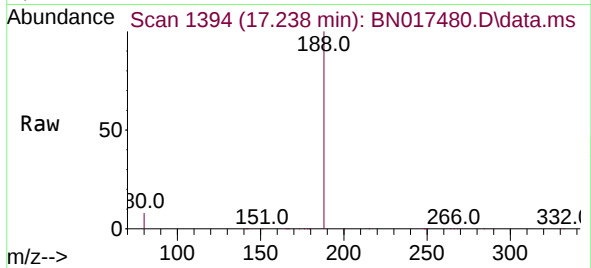




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017480.D
Acq: 16 Nov 2021 20:30

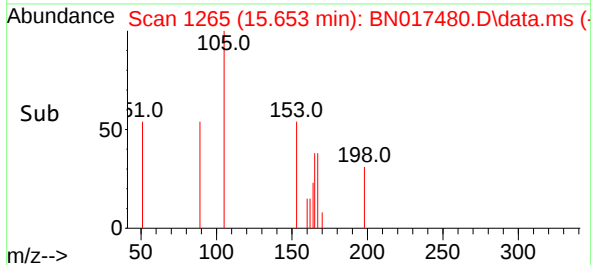
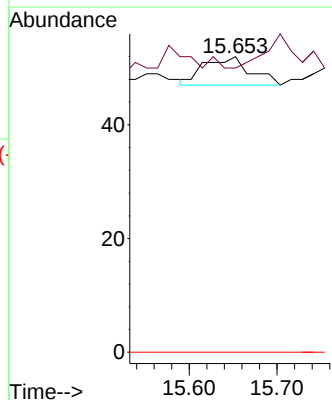
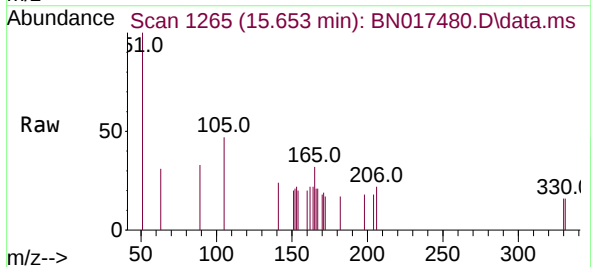
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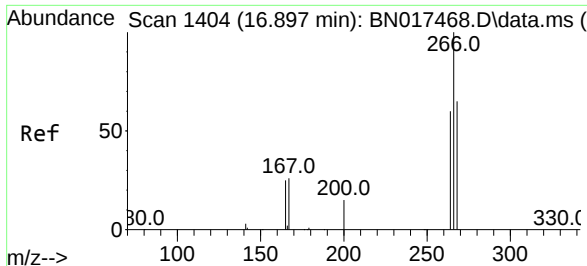
Tgt Ion:188 Resp: 97501
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 6.1 9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.094 ng
RT: 15.653 min Scan# 1265
Delta R.T. 0.038 min
Lab File: BN017480.D
Acq: 16 Nov 2021 20:30

Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
182 96.2 11.4 17.2#
77 0.0 0.0 0.0

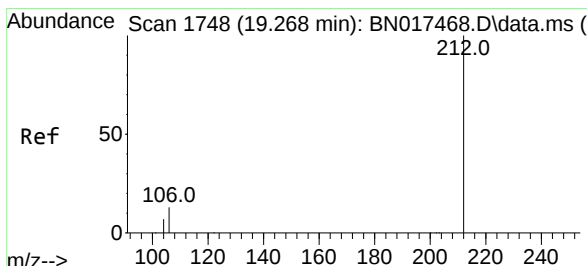
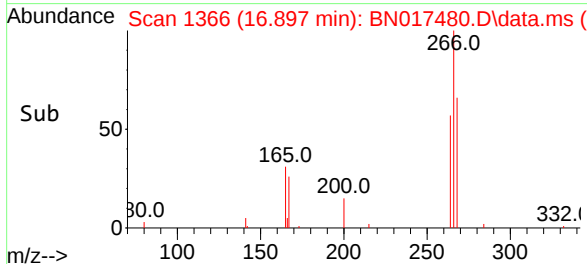
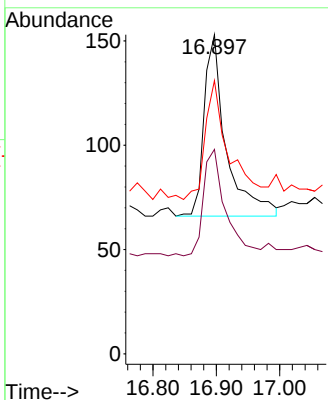
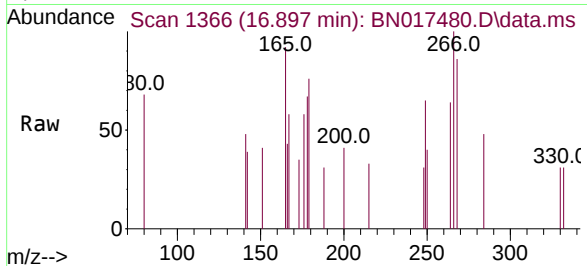




#24
 Pentachlorophenol
 Concen: 0.102 ng
 RT: 16.897 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN017480.D
 Acq: 16 Nov 2021 20:30

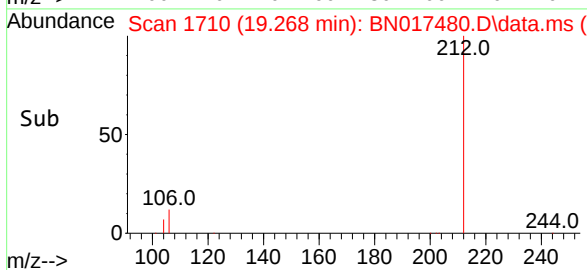
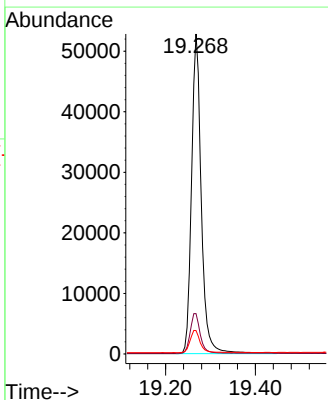
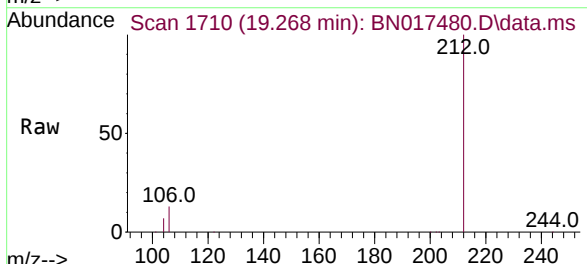
Instrument :
 BNA_N
 ClientSampleId :
 PB140751BL

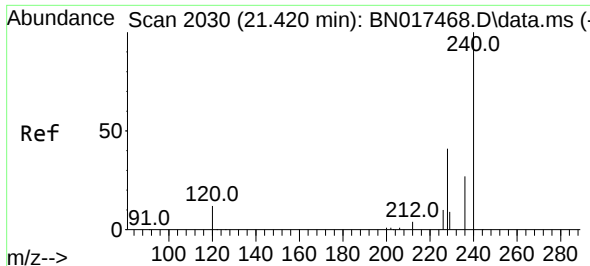
Tgt Ion:	266	Resp:	210
Ion Ratio	Lower	Upper	
266	100		
264	59.5	49.8	74.8
268	69.0	51.3	76.9



#27
 Fluoranthene-d10
 Concen: 0.274 ng
 RT: 19.268 min Scan# 1710
 Delta R.T. -0.000 min
 Lab File: BN017480.D
 Acq: 16 Nov 2021 20:30

Tgt Ion:	212	Resp:	79765
Ion Ratio	Lower	Upper	
212	100		
106	12.9	10.5	15.7
104	7.2	5.8	8.6

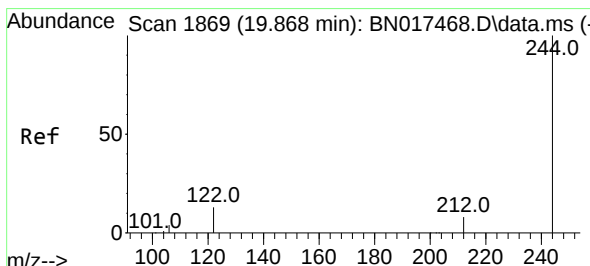
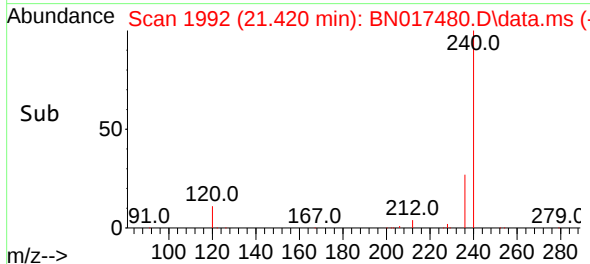
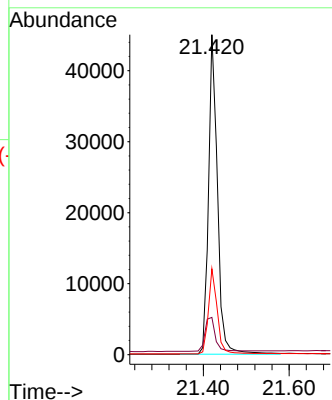
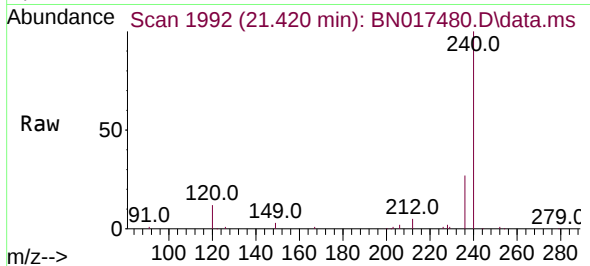




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.420 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BN017480.D
Acq: 16 Nov 2021 20:30

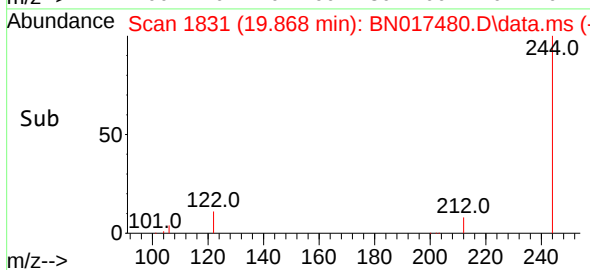
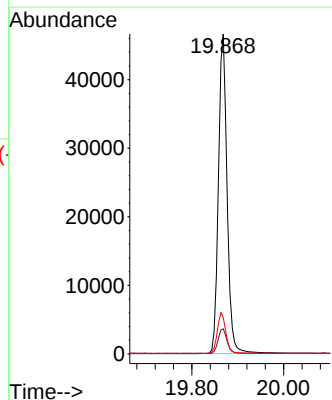
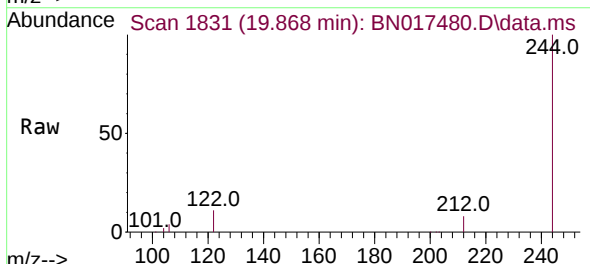
Instrument :
BNA_N
ClientSampleId :
PB140751BL

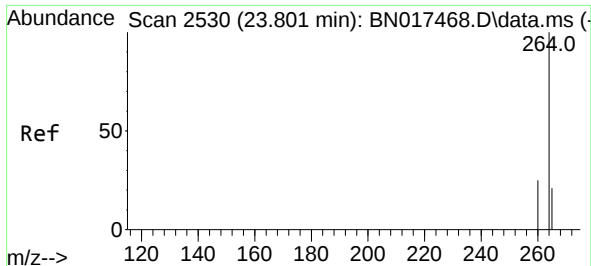
Tgt Ion:240 Resp: 65330
Ion Ratio Lower Upper
240 100
120 11.7 4.2 6.2#
236 26.8 20.0 30.0



#31
Terphenyl-d14
Concen: 0.381 ng
RT: 19.868 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BN017480.D
Acq: 16 Nov 2021 20:30

Tgt Ion:244 Resp: 61186
Ion Ratio Lower Upper
244 100
212 7.9 5.7 8.5
122 11.4 8.6 13.0

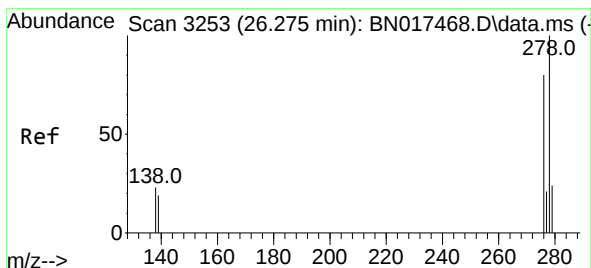
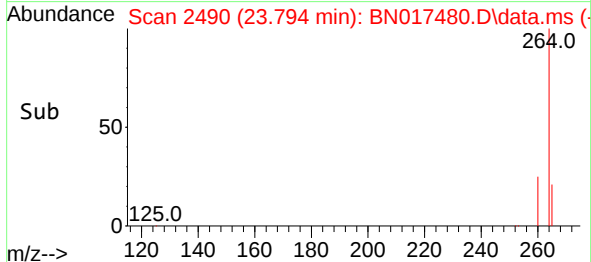
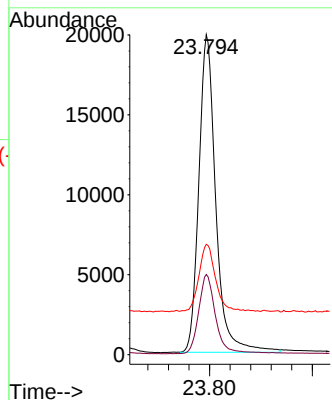
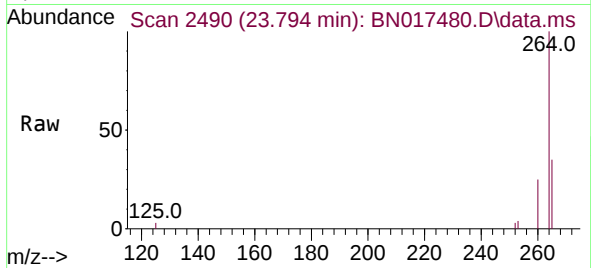




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.794 min Scan# 24
Delta R.T. -0.007 min
Lab File: BN017480.D
Acq: 16 Nov 2021 20:30

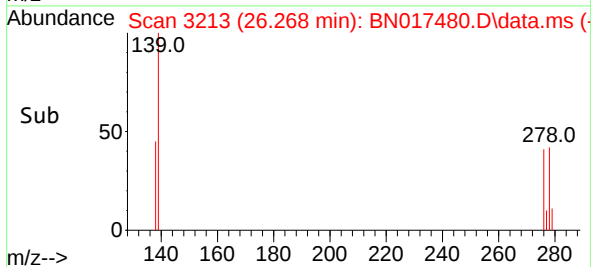
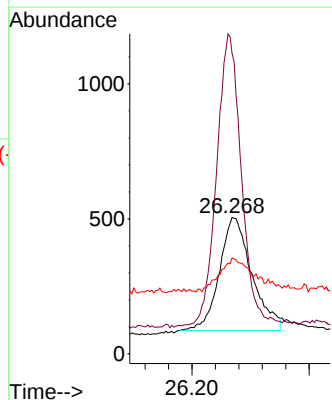
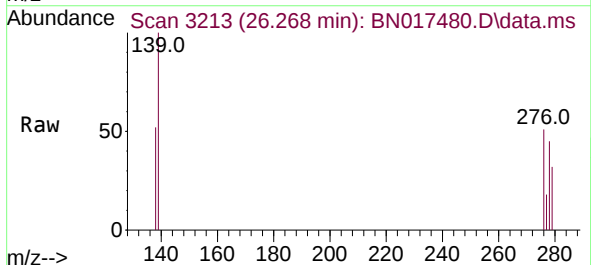
Instrument :
BNA_N
ClientSampleId :
PB140751BL

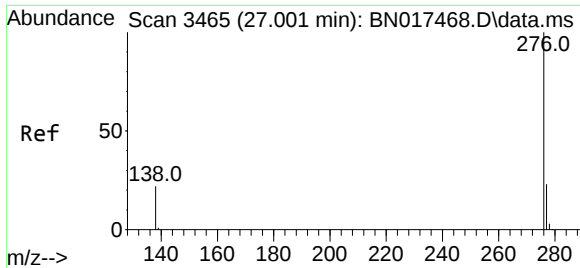
Tgt Ion:264 Resp: 45402
Ion Ratio Lower Upper
264 100
260 25.0 19.4 29.2
265 34.5 18.6 28.0#



#40
Dibenzo(a,h)anthracene
Concen: 0.020 ng
RT: 26.268 min Scan# 3213
Delta R.T. -0.007 min
Lab File: BN017480.D
Acq: 16 Nov 2021 20:30

Tgt Ion:278 Resp: 1618
Ion Ratio Lower Upper
278 100
139 220.6 13.0 19.6#
279 70.3 19.2 28.8#





#41

Benzo(g,h,i)perylene

Concen: 0.078 ng

RT: 26.994 min Scan# 34

Delta R.T. -0.007 min

Lab File: BN017480.D

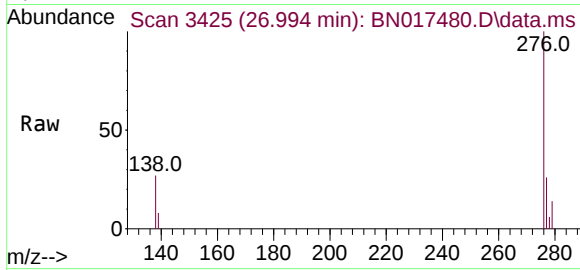
Acq: 16 Nov 2021 20:30

Instrument :

BNA_N

ClientSampleId :

PB140751BL



Tgt Ion:276 Resp: 7647

Ion Ratio Lower Upper

276 100

277 26.3 19.0 28.4

138 27.1 17.1 25.7#

