

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091820\
 Data File : BN011833.D
 Acq On : 18 Sep 2020 12:34
 Operator : CG/JU
 Sample : L3971-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WP

Quant Time: Sep 18 13:16:33 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 10:47:35 2020
 Response via : Initial Calibration

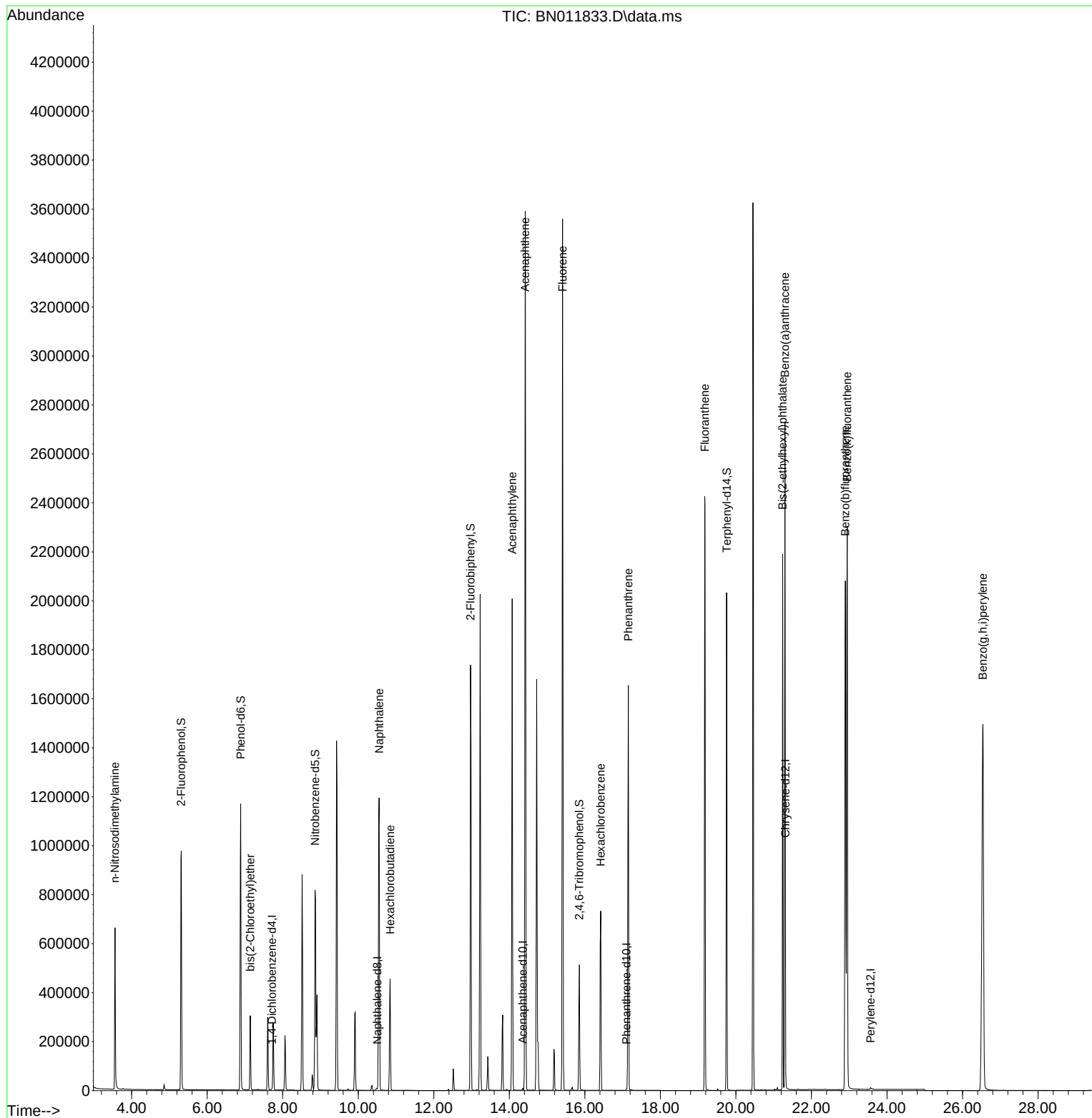
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	1934	0.40	ng	0.00
7) Naphthalene-d8	10.504	136	6984	0.40	ng	0.01
13) Acenaphthene-d10	14.357	164	4023	0.40	ng	0.00
19) Phenanthrene-d10	17.102	188	8845	0.40	ng	0.00
29) Chrysene-d12	21.312	240	9784	0.40	ng	# 0.00
36) Perylene-d12	23.566	264	10346	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.315	112	719005	125.87	ng	0.00
5) Phenol-d6	6.886	99	908730	129.69	ng	0.00
8) Nitrobenzene-d5	8.856	82	691755	98.24	ng	0.00
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.00	ng	
14) 2,4,6-Tribromophenol	15.854	330	359543	175.66	ng	0.00
15) 2-Fluorobiphenyl	12.974	172	1583075	90.98	ng	0.00
27) Fluoranthene-d10	0.000	212	0d	0.00	ng	
31) Terphenyl-d14	19.757	244	2052182	91.88	ng	0.01
Target Compounds						
3) n-Nitrosodimethylamine	3.559	42	372209	96.94	ng	# 87
6) bis(2-Chloroethyl)ether	7.143	93	200654	32.52	ng	99
9) Naphthalene	10.554	128	1648900	83.86	ng	97
10) Hexachlorobutadiene	10.846	225	385927	85.16	ng	# 99
16) Acenaphthylene	14.078	152	2002722	103.19	ng	99
17) Acenaphthene	14.420	154	1892400	140.18	ng	95
18) Fluorene	15.410	166	794868	47.18	ng	98
22) Hexachlorobenzene	16.421	284	585597	90.04	ng	97
25) Phenanthrene	17.151	178	1650755	58.93	ng	100
28) Fluoranthene	19.176	202	2258938	69.00	ng	98
32) Benzo(a)anthracene	21.301	228	2139545	64.59	ng	100
34) Bis(2-ethylhexyl)phtha...	21.237	149	1633679	95.92	ng	99
37) Benzo(b)fluoranthene	22.898	252	2862140	74.25	ng	98
38) Benzo(k)fluoranthene	22.946	252	2772574	69.56	ng	97
41) Benzo(g,h,i)perylene	26.540	276	3341200	82.75	ng	97

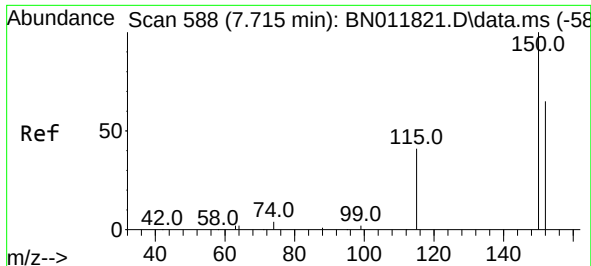
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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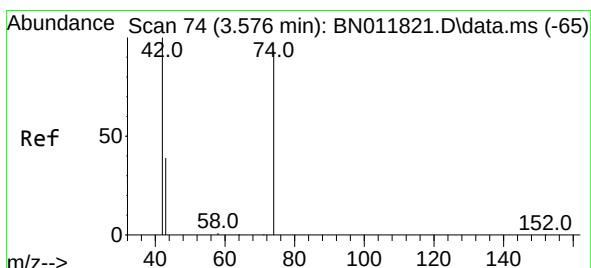
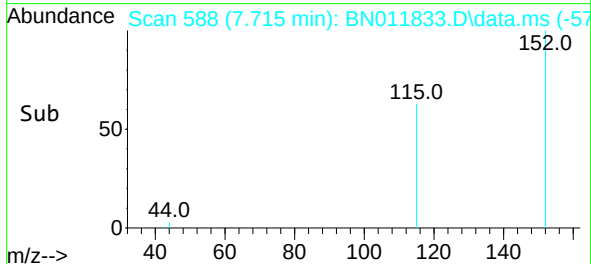
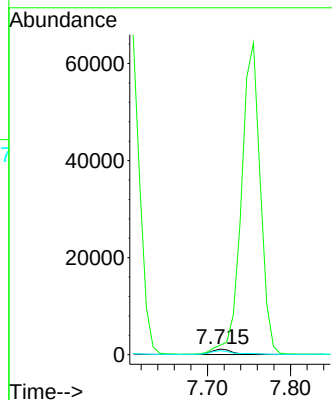
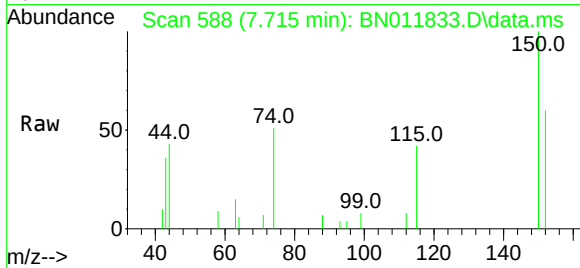




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.715 min Scan# 588
Delta R.T. 0.000 min
Lab File: BN011833.D
Acq: 18 Sep 2020 12:34

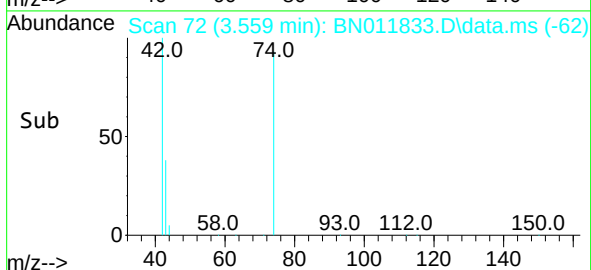
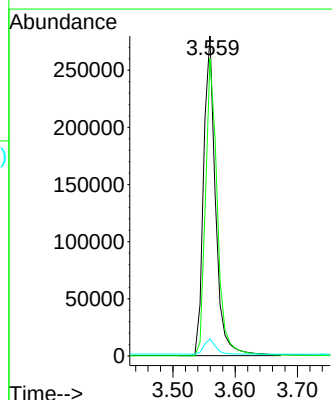
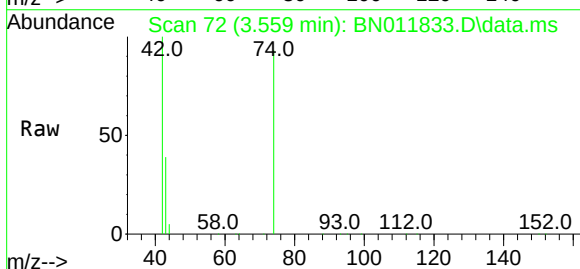
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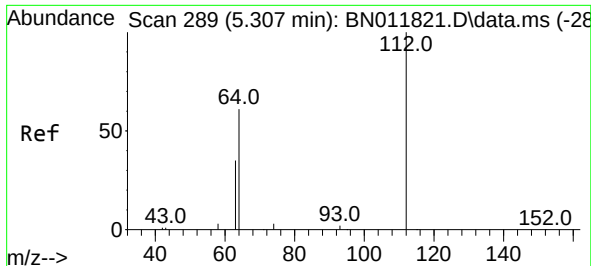
Tgt Ion:152 Resp: 1934
Ion Ratio Lower Upper
152 100
150 167.9 118.3 177.5
115 70.1 51.3 76.9



#3
n-Nitrosodimethylamine
Concen: 96.94 ng
RT: 3.559 min Scan# 72
Delta R.T. -0.016 min
Lab File: BN011833.D
Acq: 18 Sep 2020 12:34

Tgt Ion: 42 Resp: 372209
Ion Ratio Lower Upper
42 100
74 92.5 64.4 96.6
44 4.7 6.7 10.1#

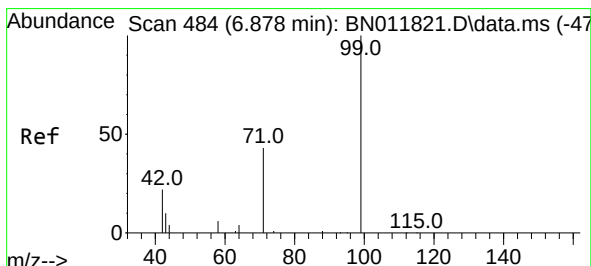
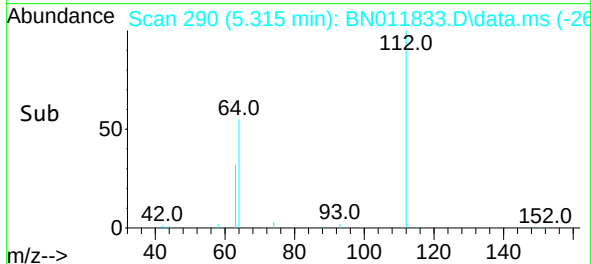
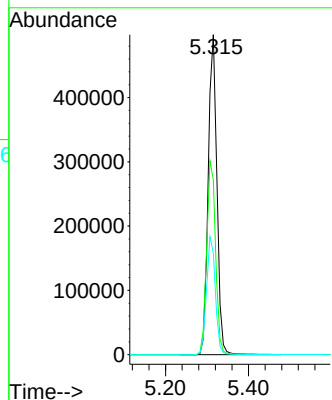
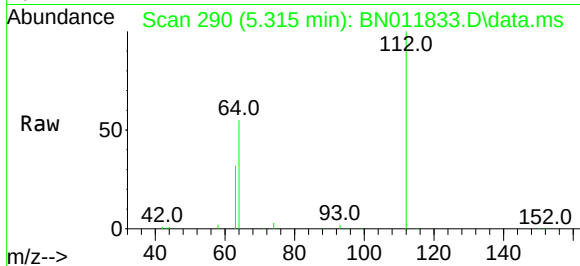




#4
2-Fluorophenol
Concen: 125.87 ng
RT: 5.315 min Scan# 290
Delta R.T. 0.008 min
Lab File: BN011833.D
Acq: 18 Sep 2020 12:34

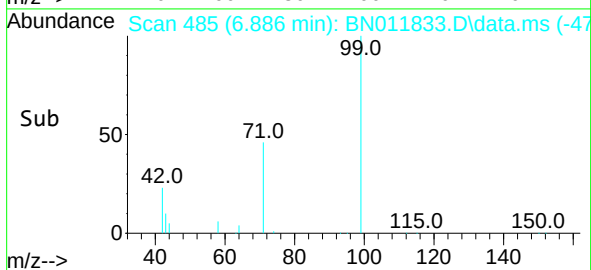
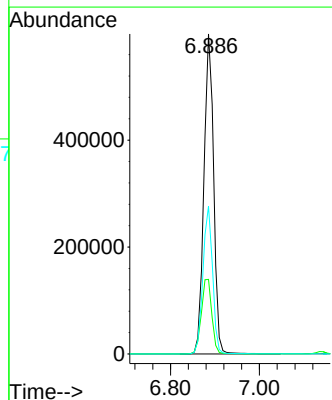
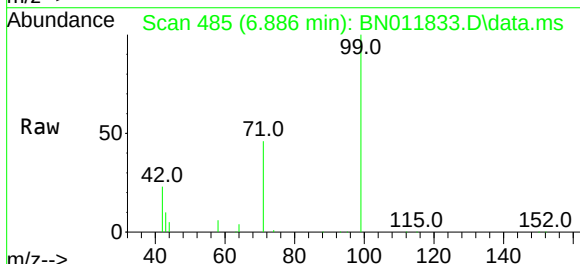
Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

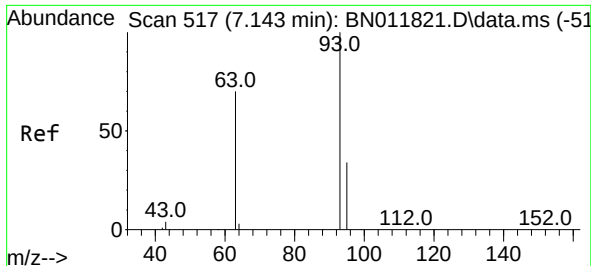
Tgt Ion:112 Resp: 719005
Ion Ratio Lower Upper
112 100
64 62.4 49.0 73.6
63 37.5 31.8 47.6



#5
Phenol-d6
Concen: 129.69 ng
RT: 6.886 min Scan# 485
Delta R.T. 0.008 min
Lab File: BN011833.D
Acq: 18 Sep 2020 12:34

Tgt Ion: 99 Resp: 908730
Ion Ratio Lower Upper
99 100
42 25.3 23.4 35.0
71 46.0 38.1 57.1

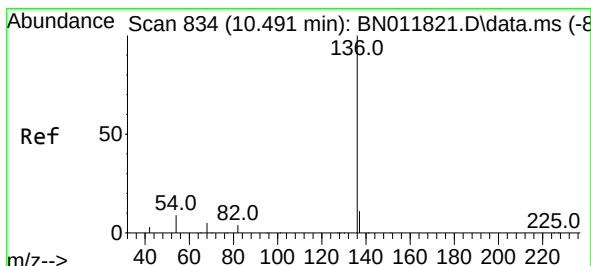
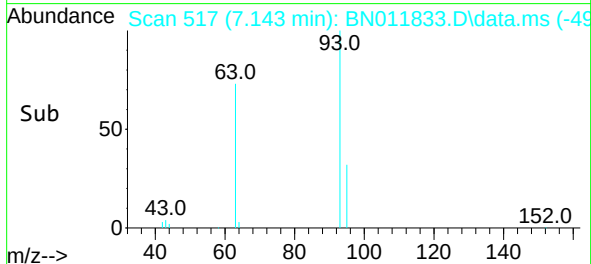
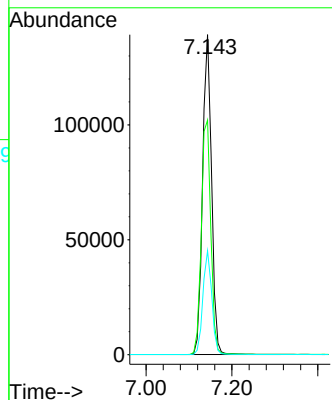
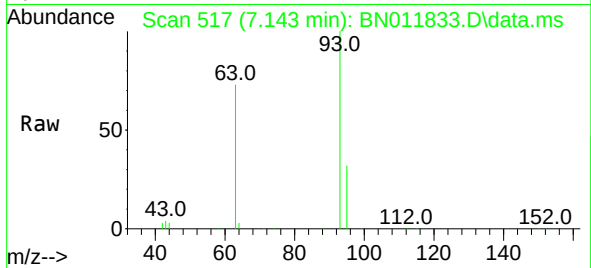




#6
bis(2-Chloroethyl)ether
Concen: 32.52 ng
RT: 7.143 min Scan# 517
Delta R.T. 0.000 min
Lab File: BN011833.D
Acq: 18 Sep 2020 12:34

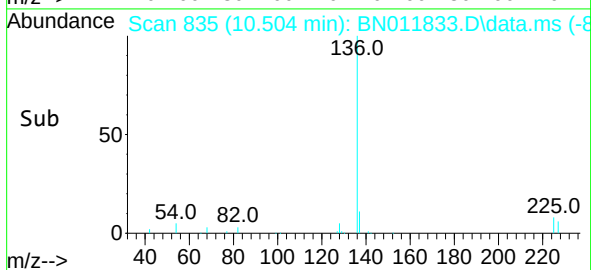
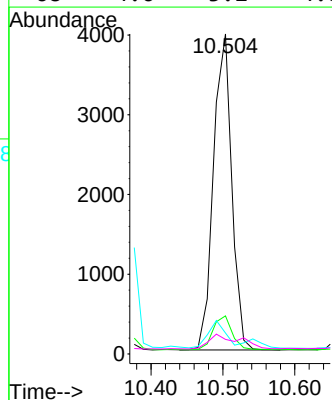
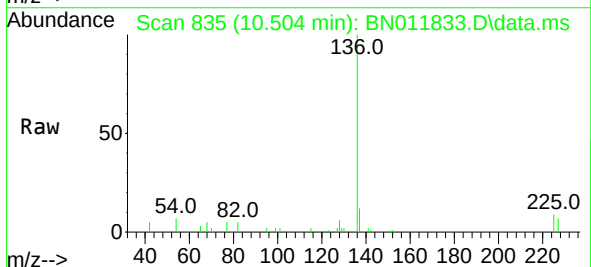
Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

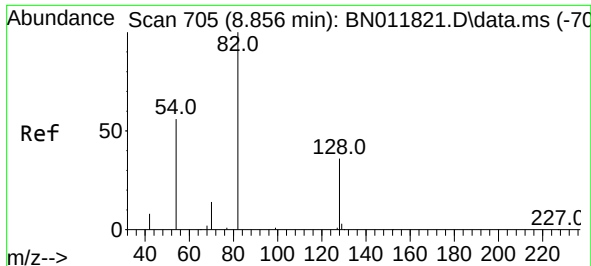
Tgt Ion: 93 Resp: 200654
Ion Ratio Lower Upper
93 100
63 77.6 61.1 91.7
95 32.4 25.5 38.3



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.504 min Scan# 835
Delta R.T. 0.013 min
Lab File: BN011833.D
Acq: 18 Sep 2020 12:34

Tgt Ion: 136 Resp: 6984
Ion Ratio Lower Upper
136 100
137 11.9 9.5 14.3
54 6.6 5.6 8.4
68 4.6 3.2 4.8

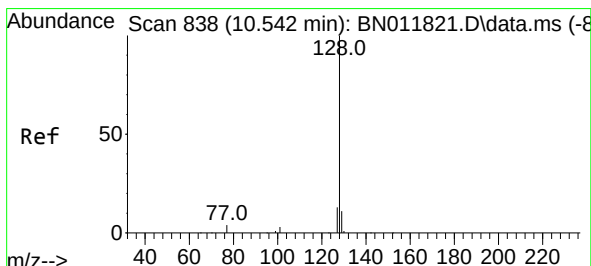
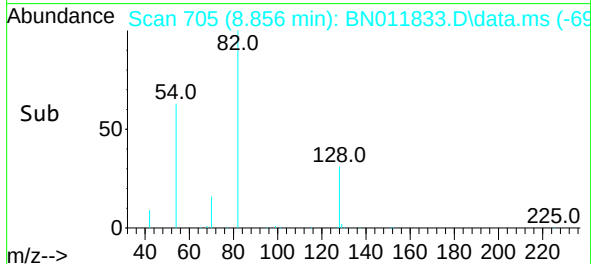
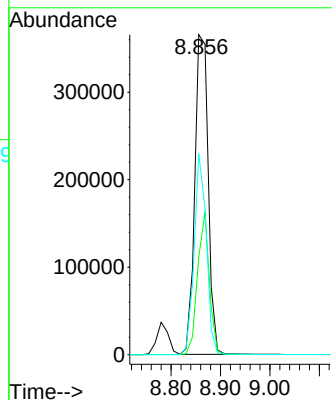
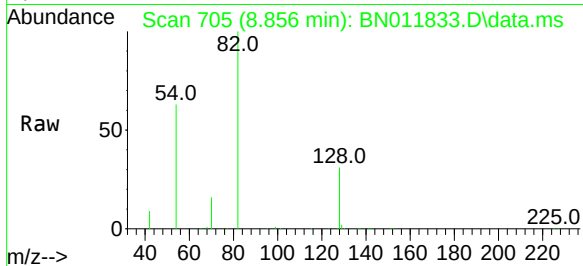




#8
Nitrobenzene-d5
Concen: 98.24 ng
RT: 8.856 min Scan# 705
Delta R.T. 0.000 min
Lab File: BN011833.D
Acq: 18 Sep 2020 12:34

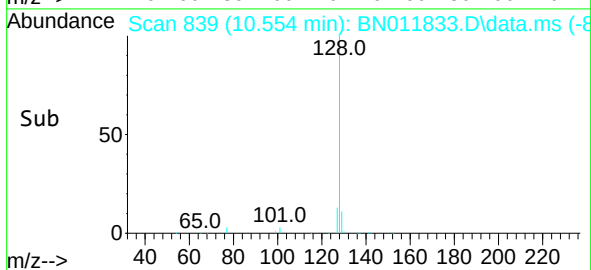
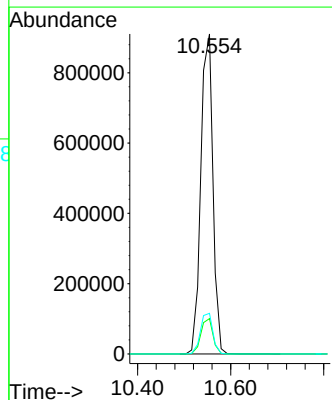
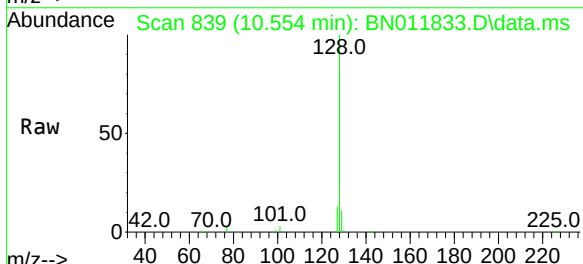
Instrument :
BNA_N
ClientSampleId :
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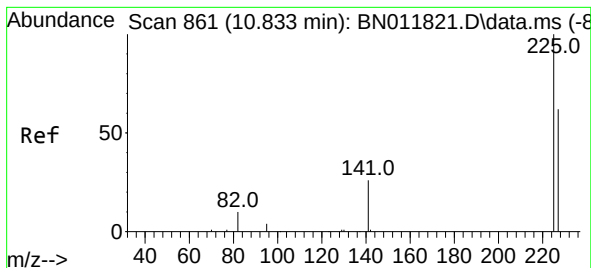
Tgt Ion: 82 Resp: 691755
Ion Ratio Lower Upper
82 100
128 30.5 34.2 51.2#
54 62.8 43.1 64.7



#9
Naphthalene
Concen: 83.86 ng
RT: 10.554 min Scan# 839
Delta R.T. 0.013 min
Lab File: BN011833.D
Acq: 18 Sep 2020 12:34

Tgt Ion: 128 Resp: 1648900
Ion Ratio Lower Upper
128 100
129 11.1 9.7 14.5
127 12.7 11.0 16.4

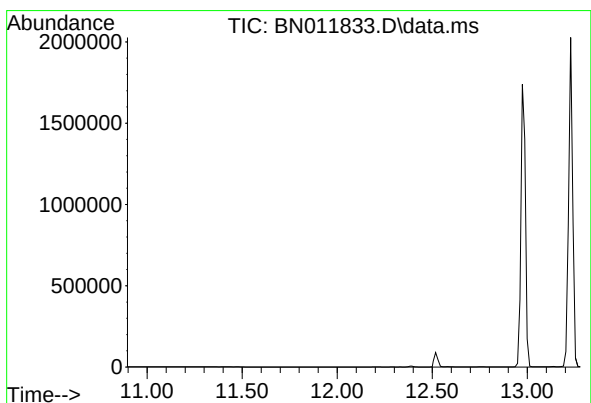
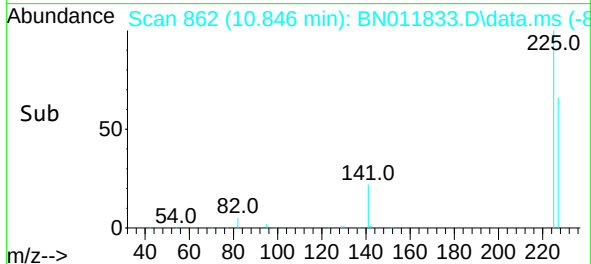
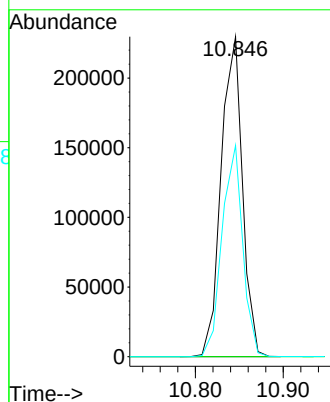
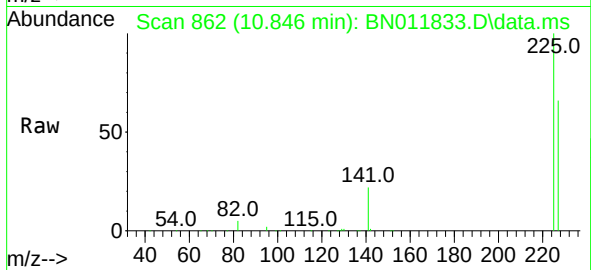




#10
Hexachlorobutadiene
Concen: 85.16 ng
RT: 10.846 min Scan# 862
Delta R.T. 0.013 min
Lab File: BN011833.D
Acq: 18 Sep 2020 12:34

Instrument :
BNA_N
ClientSampleId :
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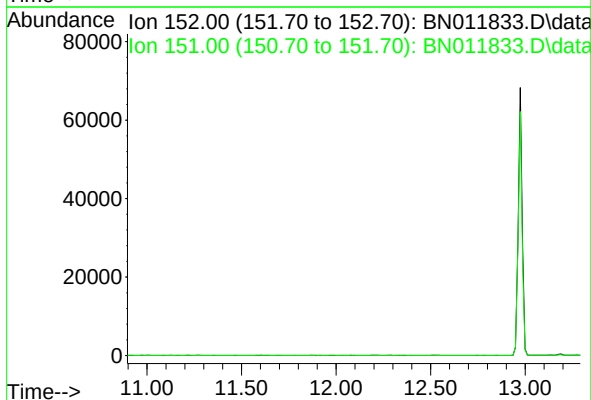
Tgt Ion:225 Resp: 385927
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.3 51.9 77.9

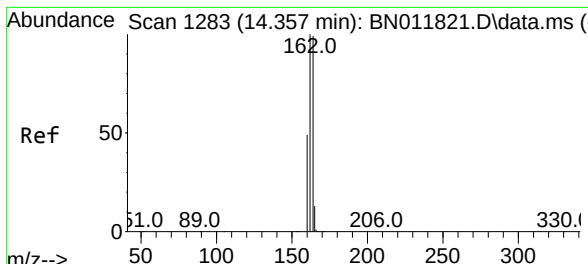


#11
2-Methylnaphthalene-d10
Concen: 0.00 ng
Expected RT: 12.09 min

Lab File: BN011833.D
Acq: 18 Sep 2020 12:34

Tgt Ion: 152
Sig Exp Ratio
152 100
151 20.9

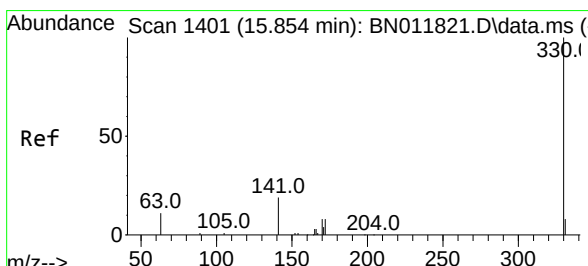
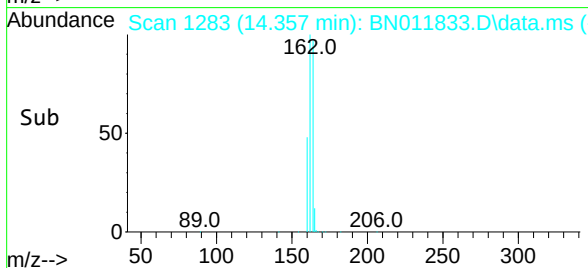
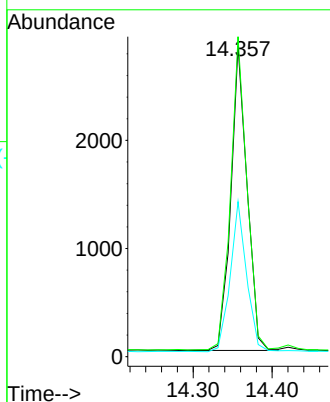
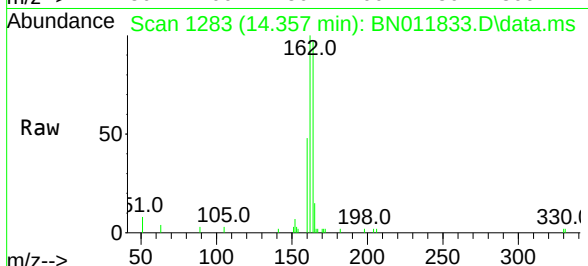




#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.357 min Scan# 1283
 Delta R.T. 0.000 min
 Lab File: BN011833.D
 Acq: 18 Sep 2020 12:34

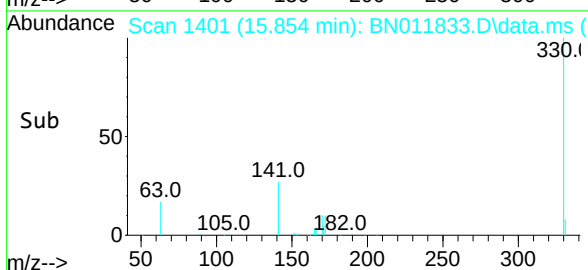
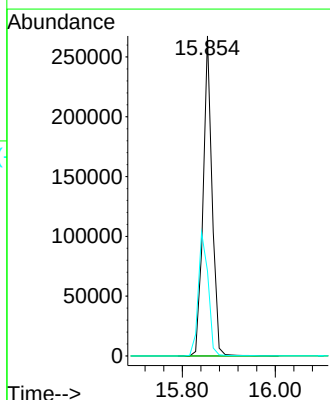
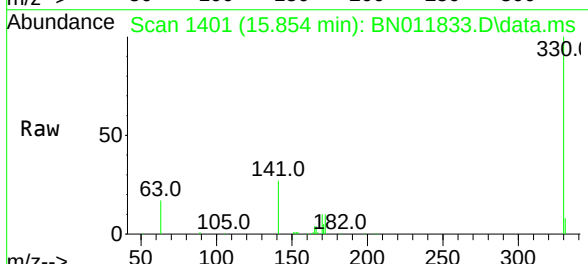
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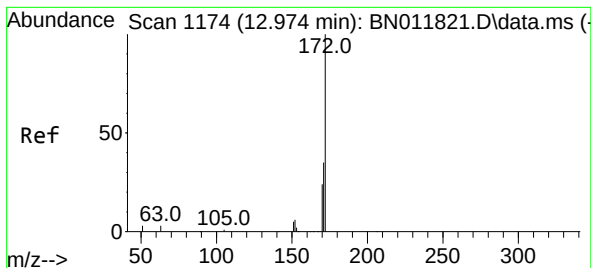
Tgt Ion:	164	Resp:	4023
Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.6	125.4
160	49.9	41.2	61.8



#14
 2,4,6-Tribromophenol
 Concen: 175.66 ng
 RT: 15.854 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: BN011833.D
 Acq: 18 Sep 2020 12:34

Tgt Ion:	330	Resp:	359543
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.8	33.7	50.5



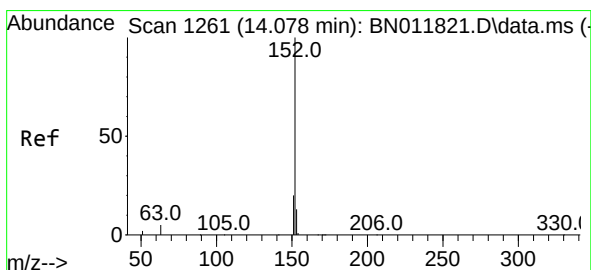
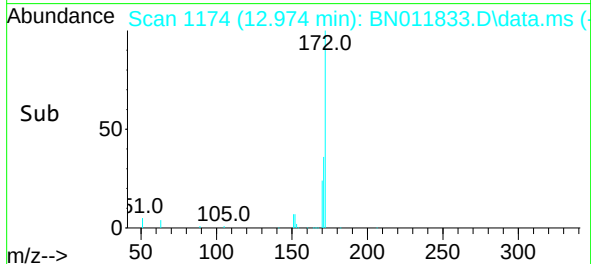
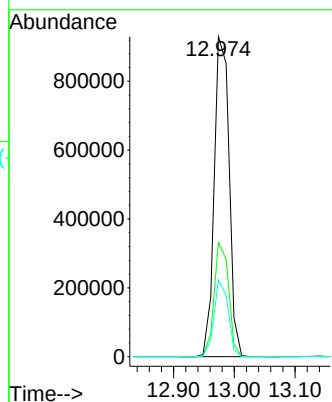
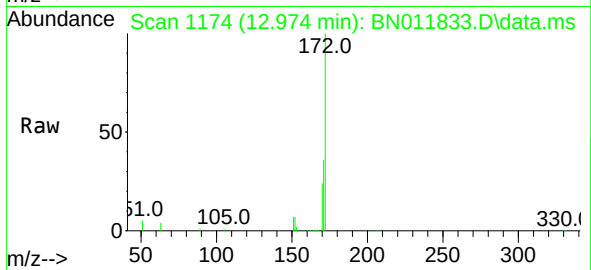


#15
2-Fluorobiphenyl
Concen: 90.98 ng
RT: 12.974 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN011833.D
Acq: 18 Sep 2020 12:34

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:172 Resp: 1583075

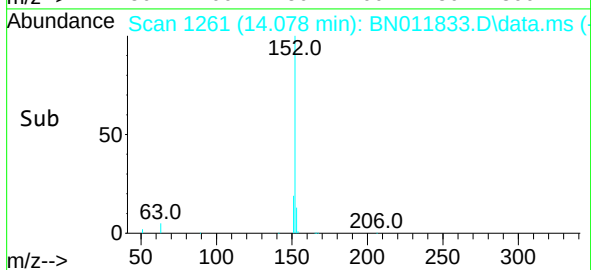
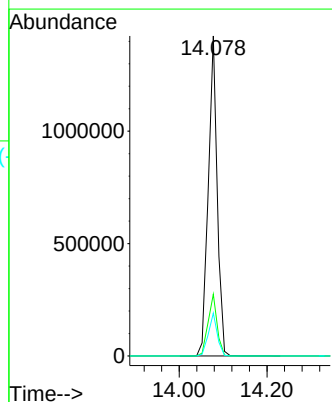
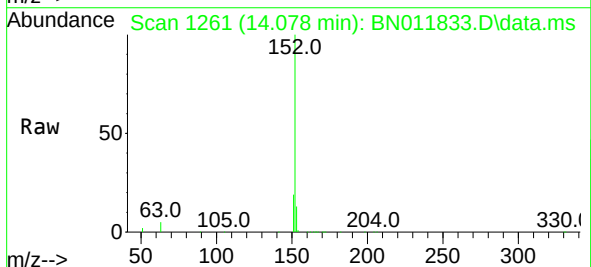
Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.4	41.2
170	23.9	17.8	26.6

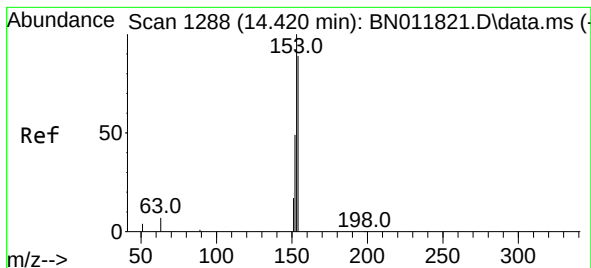


#16
Acenaphthylene
Concen: 103.19 ng
RT: 14.078 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BN011833.D
Acq: 18 Sep 2020 12:34

Tgt Ion:152 Resp: 2002722

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	13.3	10.5	15.7





#17

Acenaphthene

Concen: 140.18 ng

RT: 14.420 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BN011833.D

Acq: 18 Sep 2020 12:34

Tgt Ion:154 Resp: 1892400

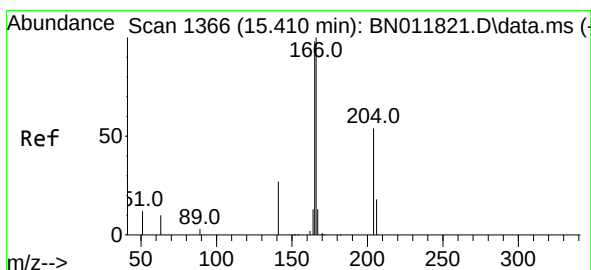
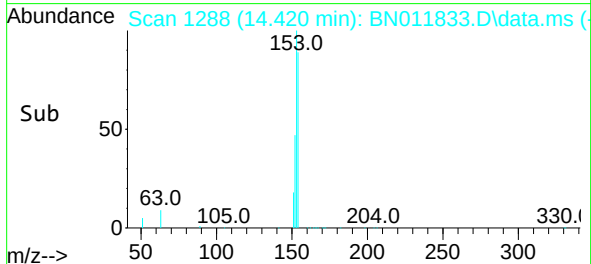
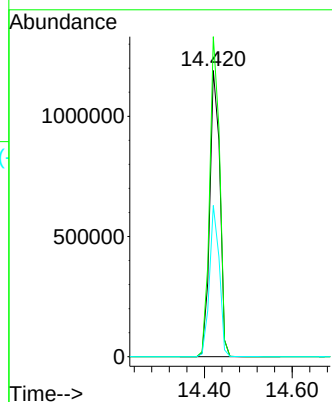
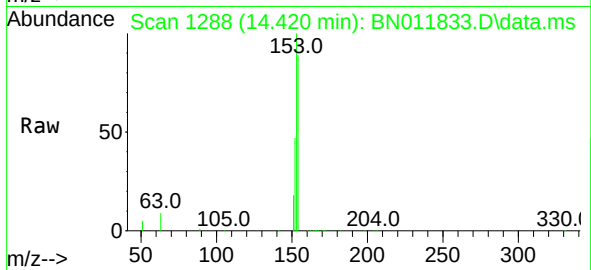
Ion	Ratio	Lower	Upper
154	100		
153	110.7	83.4	125.2
152	51.4	42.8	64.2

Instrument :

BNA_N

ClientSampleId :

PT-BN-WP



#18

Fluorene

Concen: 47.18 ng

RT: 15.410 min Scan# 1366

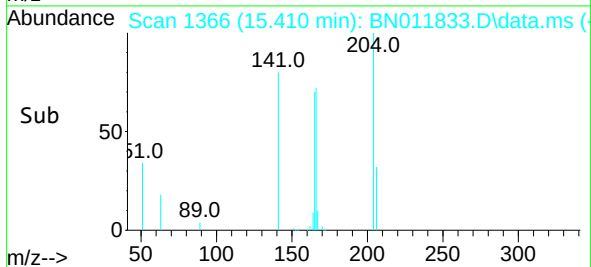
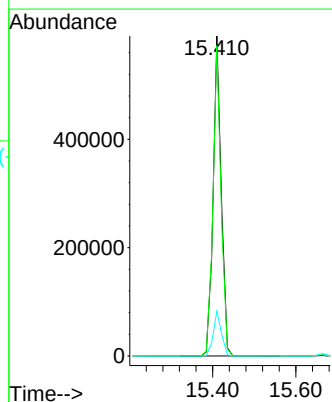
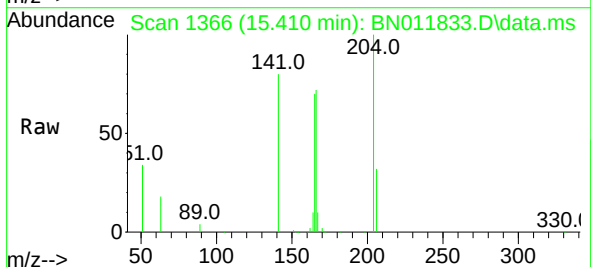
Delta R.T. 0.000 min

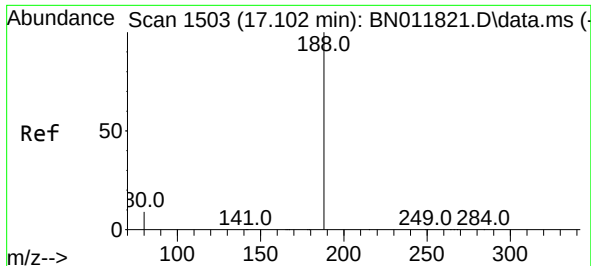
Lab File: BN011833.D

Acq: 18 Sep 2020 12:34

Tgt Ion:166 Resp: 794868

Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.8	118.2
167	14.0	11.2	16.8

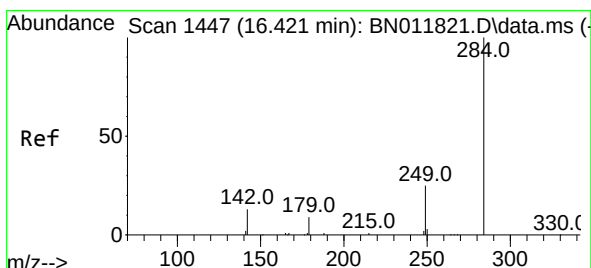
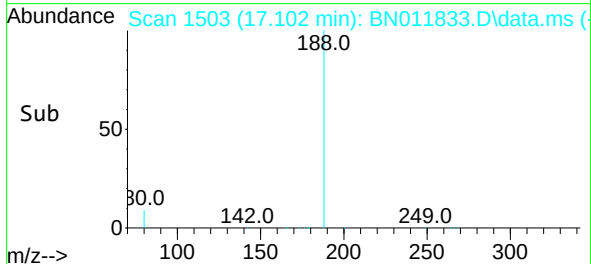
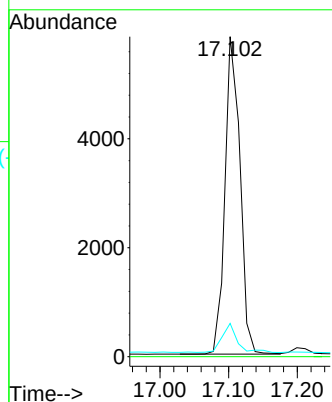
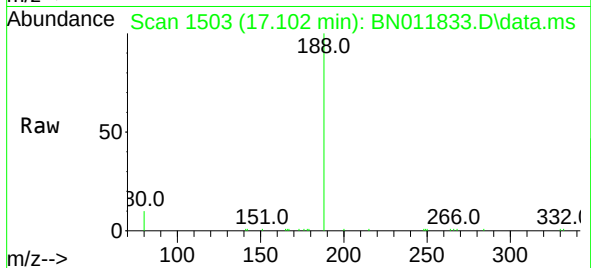




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.102 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN011833.D
Acq: 18 Sep 2020 12:34

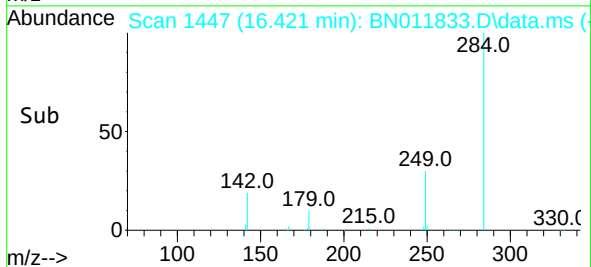
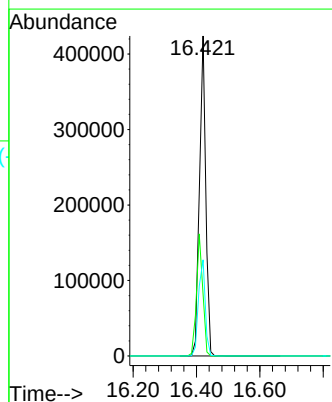
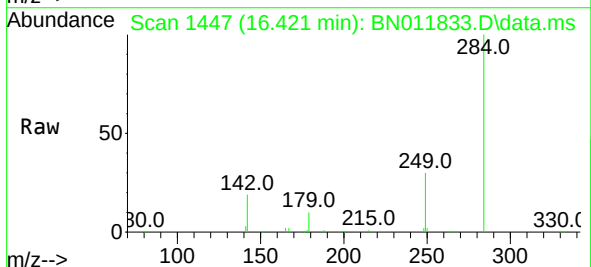
Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

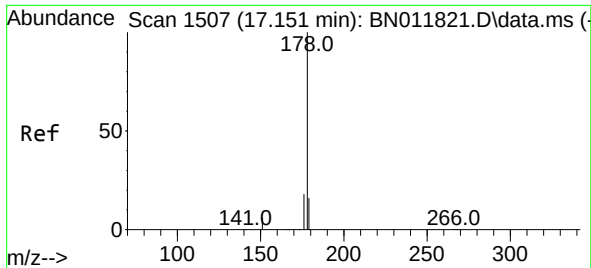
Tgt Ion:188 Resp: 8845
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 7.7 11.5



#22
Hexachlorobenzene
Concen: 90.04 ng
RT: 16.421 min Scan# 1447
Delta R.T. 0.012 min
Lab File: BN011833.D
Acq: 18 Sep 2020 12:34

Tgt Ion:284 Resp: 585597
Ion Ratio Lower Upper
284 100
142 38.1 32.4 48.6
249 32.3 26.8 40.2

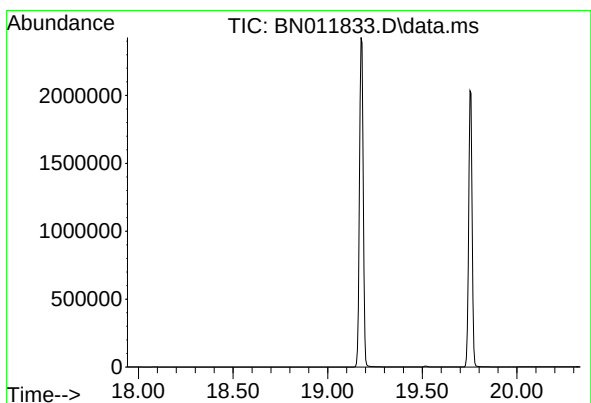
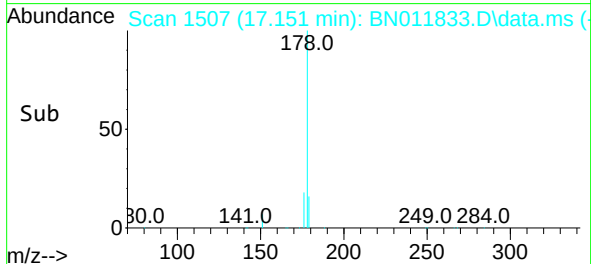
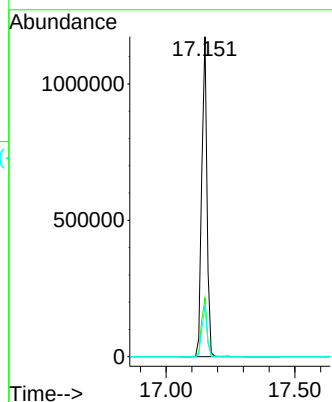
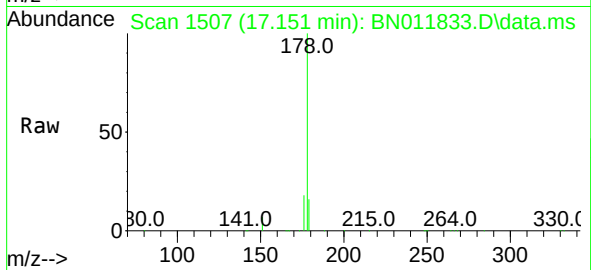




#25
Phenanthrene
Concen: 58.93 ng
RT: 17.151 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BN011833.D
Acq: 18 Sep 2020 12:34

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

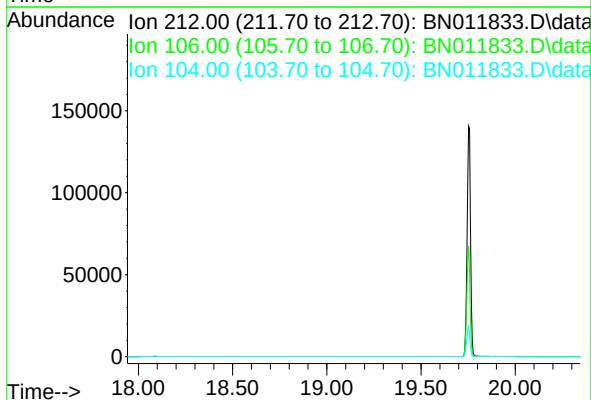
Tgt Ion:178 Resp: 1650755
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.5 12.3 18.5

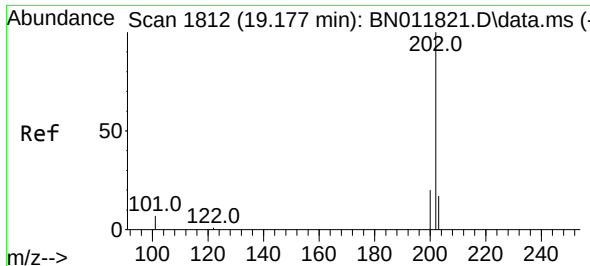


#27
Fluoranthene-d10
Concen: 0.00 ng
Expected RT: 19.14 min

Lab File: BN011833.D
Acq: 18 Sep 2020 12:34

Tgt Ion: 212
Sig Exp Ratio
212 100
106 8.0
104 4.9

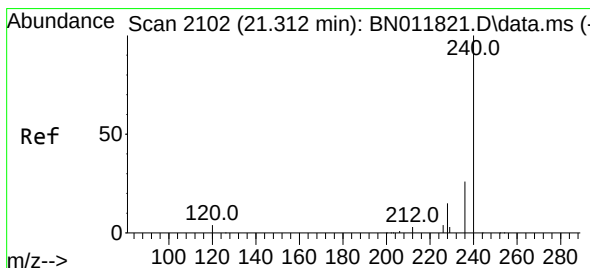
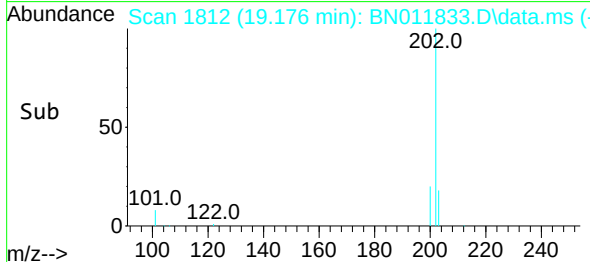
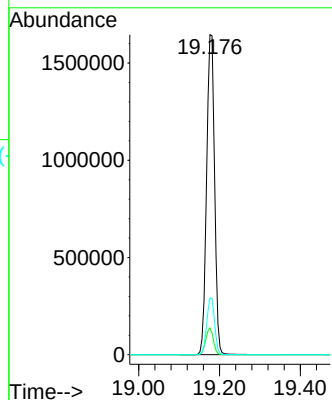
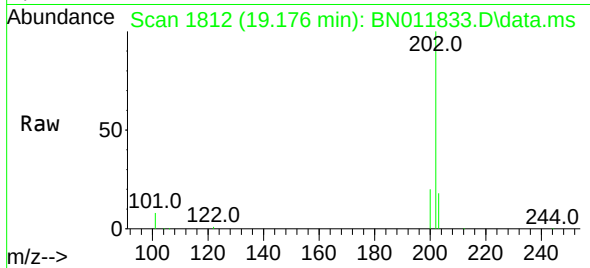




#28
Fluoranthene
Concen: 69.00 ng
RT: 19.176 min Scan# 1812
Delta R.T. 0.005 min
Lab File: BN011833.D
Acq: 18 Sep 2020 12:34

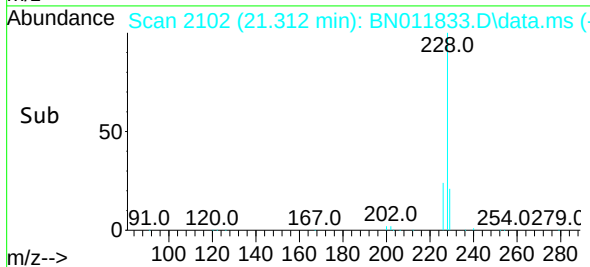
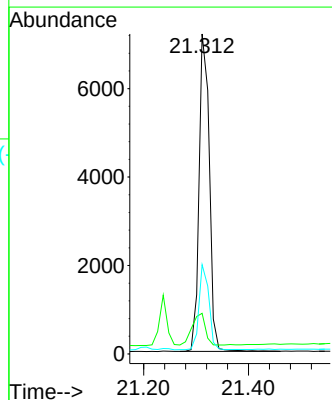
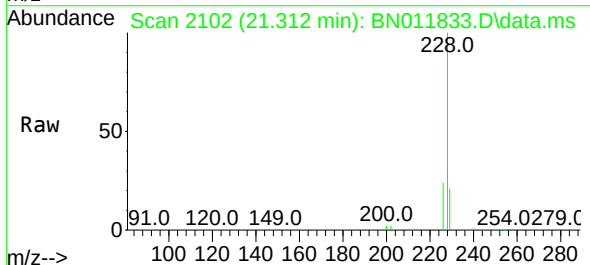
Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

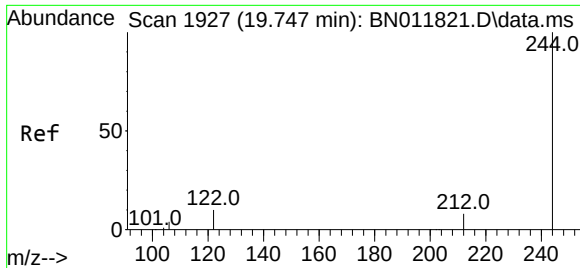
Tgt Ion:202 Resp: 2258938
Ion Ratio Lower Upper
202 100
101 7.9 5.4 8.2
203 17.6 13.8 20.6



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.312 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BN011833.D
Acq: 18 Sep 2020 12:34

Tgt Ion:240 Resp: 9784
Ion Ratio Lower Upper
240 100
120 12.7 3.5 5.3#
236 27.9 20.5 30.7

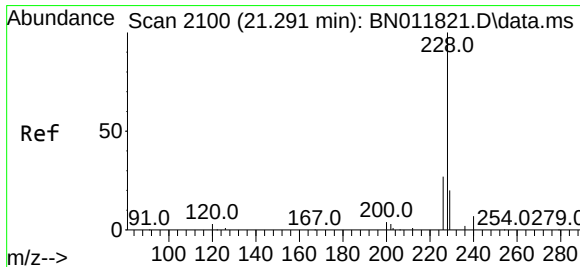
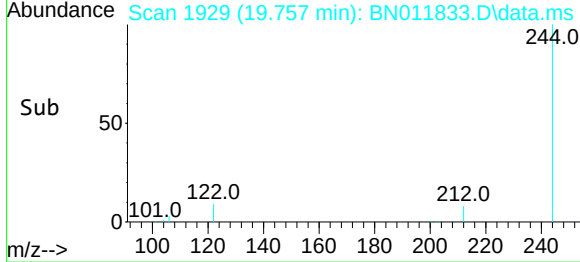
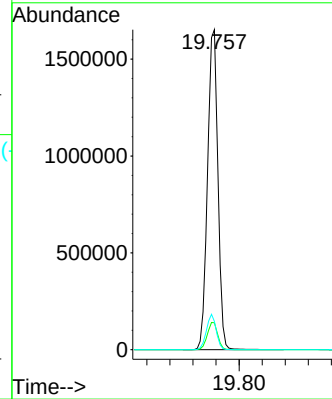
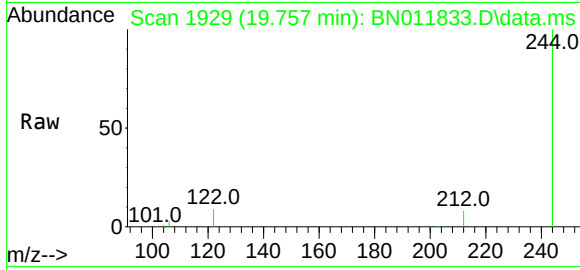




#31
Terphenyl-d14
Concen: 91.88 ng
RT: 19.757 min Scan# 1929
Delta R.T. 0.010 min
Lab File: BN011833.D
Acq: 18 Sep 2020 12:34

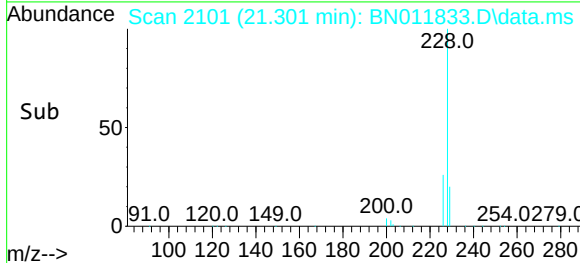
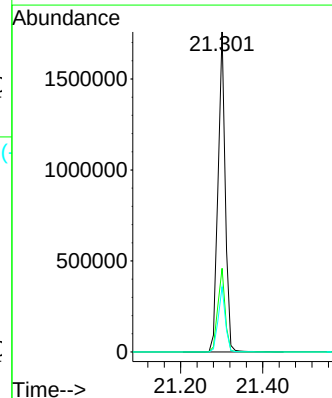
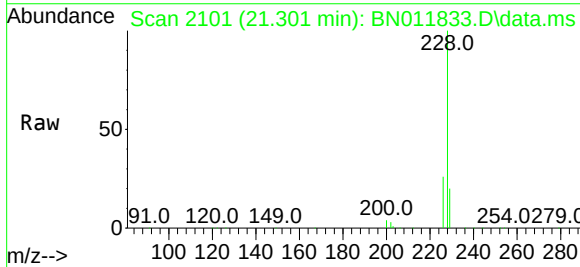
Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

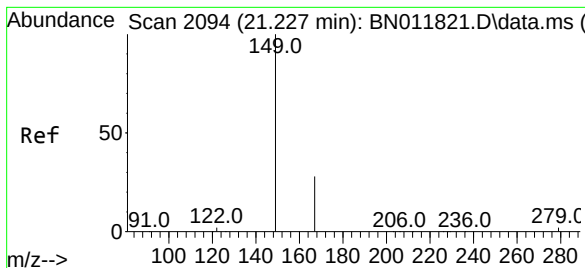
Tgt Ion:244 Resp: 2052182
Ion Ratio Lower Upper
244 100
212 8.4 7.3 10.9
122 8.9 7.8 11.6



#32
Benzo(a)anthracene
Concen: 64.59 ng
RT: 21.301 min Scan# 2101
Delta R.T. 0.011 min
Lab File: BN011833.D
Acq: 18 Sep 2020 12:34

Tgt Ion:228 Resp: 2139545
Ion Ratio Lower Upper
228 100
226 26.2 21.0 31.4
229 20.4 16.0 24.0

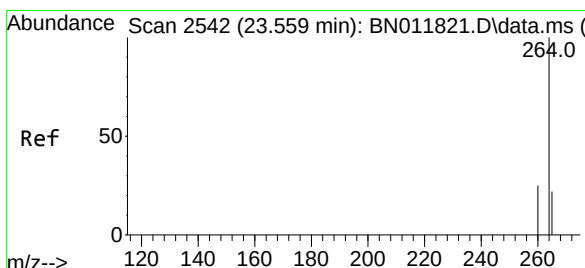
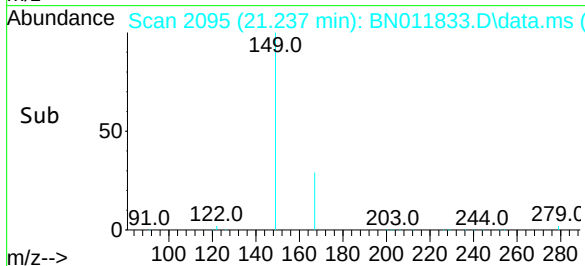
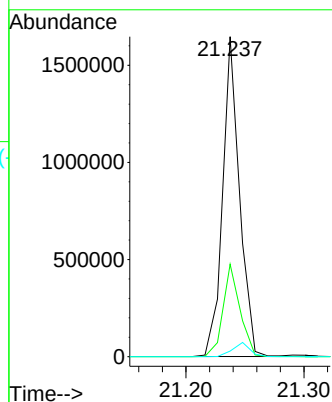
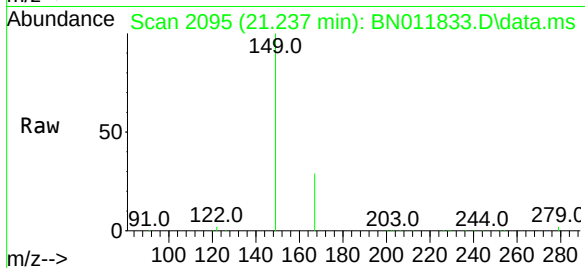




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 95.92 ng
 RT: 21.237 min Scan# 2095
 Delta R.T. 0.011 min
 Lab File: BN011833.D
 Acq: 18 Sep 2020 12:34

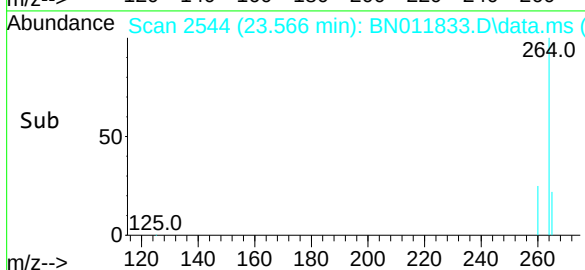
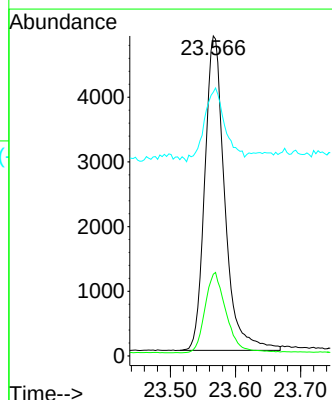
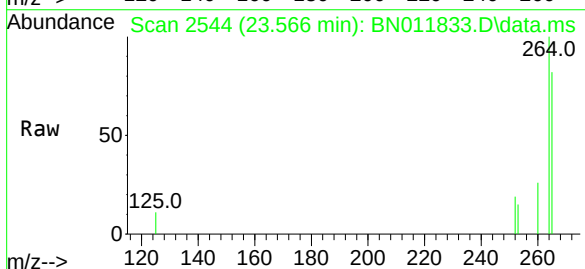
Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WP

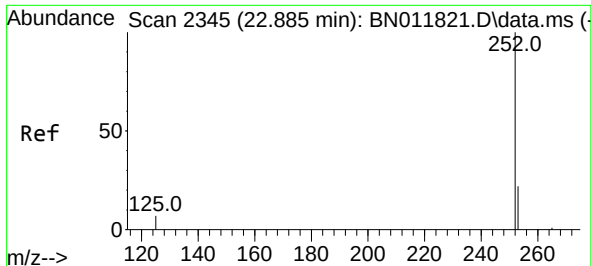
Tgt Ion:149 Resp: 1633679
 Ion Ratio Lower Upper
 149 100
 167 29.1 23.6 35.4
 279 4.5 4.0 6.0



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.566 min Scan# 2544
 Delta R.T. 0.007 min
 Lab File: BN011833.D
 Acq: 18 Sep 2020 12:34

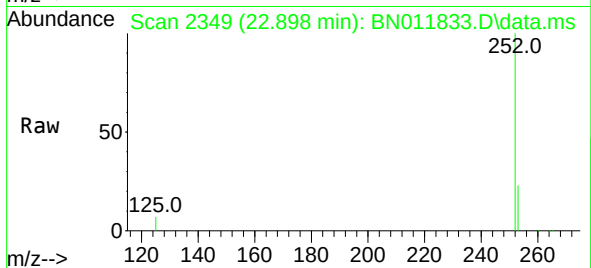
Tgt Ion:264 Resp: 10346
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.6 29.4
 265 82.4 38.6 58.0#



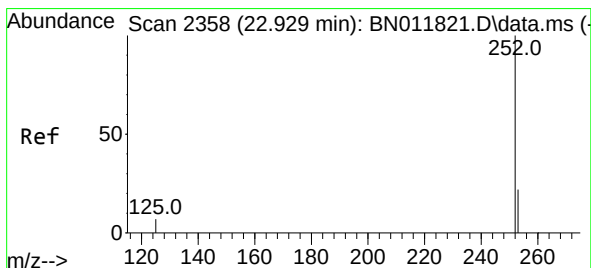
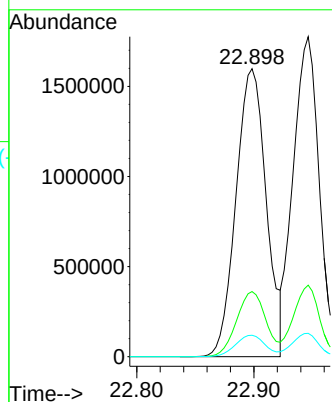


#37
Benzo(b)fluoranthene
Concen: 74.25 ng
RT: 22.898 min Scan# 2349
Delta R.T. 0.014 min
Lab File: BN011833.D
Acq: 18 Sep 2020 12:34

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

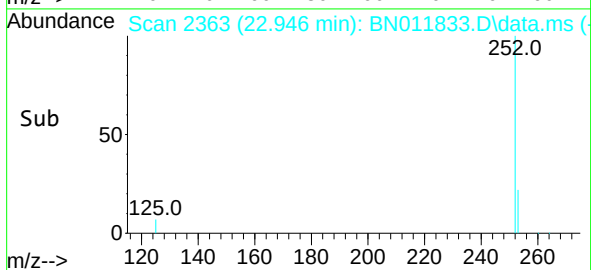
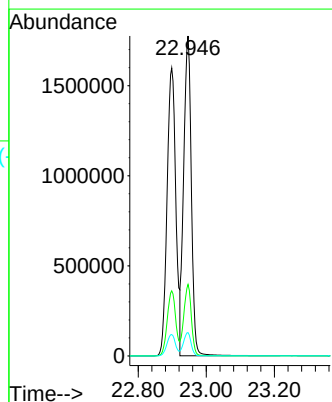
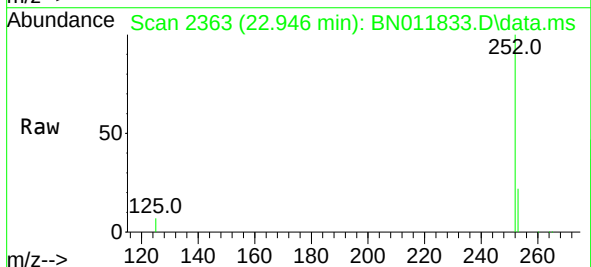


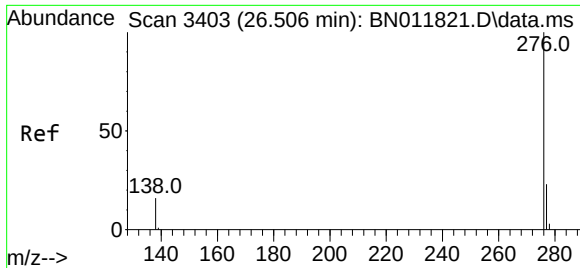
Tgt Ion:252 Resp: 2862140
Ion Ratio Lower Upper
252 100
253 22.6 19.1 28.7
125 7.5 6.2 9.2



#38
Benzo(k)fluoranthene
Concen: 69.56 ng
RT: 22.946 min Scan# 2363
Delta R.T. 0.021 min
Lab File: BN011833.D
Acq: 18 Sep 2020 12:34

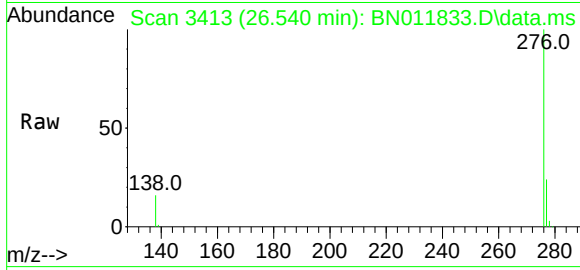
Tgt Ion:252 Resp: 2772574
Ion Ratio Lower Upper
252 100
253 22.3 19.3 28.9
125 7.3 6.0 9.0





#41
Benzo(g,h,i)perylene
Concen: 82.75 ng
RT: 26.540 min Scan# 3413
Delta R.T. 0.034 min
Lab File: BN011833.D
Acq: 18 Sep 2020 12:34

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP



Tgt Ion:276 Resp: 3341200
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.0
138 16.1 11.3 16.9

