

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
 Data File : BN013305.D
 Acq On : 23 Dec 2020 20:10
 Operator : CG/JU
 Sample : L5123-03RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20201211RE

Quant Time: Dec 24 03:36:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 10:46:43 2020
 Response via : Initial Calibration

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

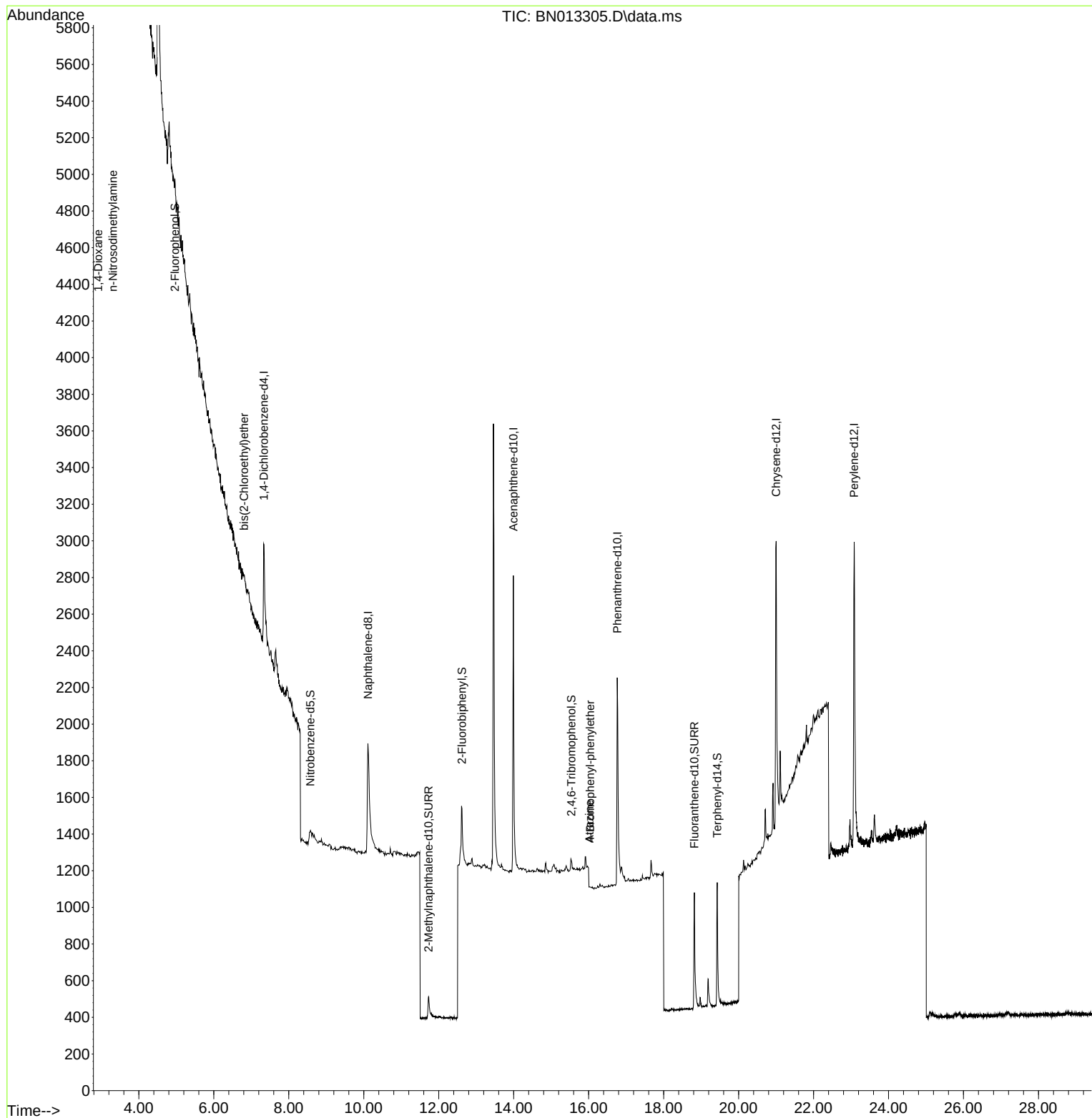
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	565	0.40	ng	# 0.00
7) Naphthalene-d8	10.112	136	1843	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1109	0.40	ng	0.00
19) Phenanthrene-d10	16.763	188	2400	0.40	ng	# 0.00
29) Chrysene-d12	21.003	240	2577	0.40	ng	# 0.00
36) Perylene-d12	23.083	264	2795	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	92	0.04	ng	0.00
5) Phenol-d6	6.533	99	3	0.00	ng	0.00
8) Nitrobenzene-d5	8.579	82	190	0.10	ng	0.08
11) 2-Methylnaphthalene-d10	11.729	152	328	0.10	ng	0.02
14) 2,4,6-Tribromophenol	15.539	330	91	0.13	ng	0.01
15) 2-Fluorobiphenyl	12.621	172	490	0.11	ng	0.01
27) Fluoranthene-d10	18.818	212	1111	0.14	ng	0.00
31) Terphenyl-d14	19.429	244	1049	0.16	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.917	88	1618	1.64	ng	Qvalue 94
3) n-Nitrosodimethylamine	3.311	42	56	0.03	ng	# 12
6) bis(2-Chloroethyl)ether	6.806	93	30	0.02	ng	88
21) 4-Bromophenyl-phenylether	16.045	248	201	0.43	ng	# 78
23) Atrazine	16.020	200	135	0.09	ng	# 3
34) Bis(2-ethylhexyl)phtha...	20.918	149	246	Below Cal		# 95

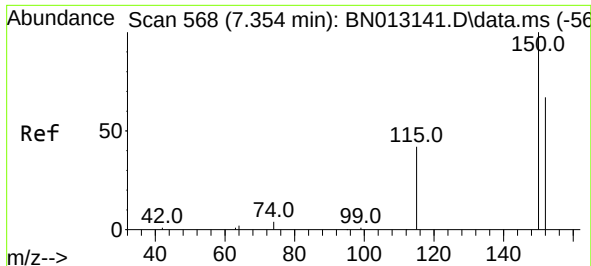
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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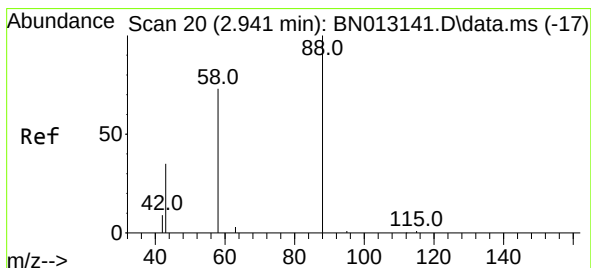
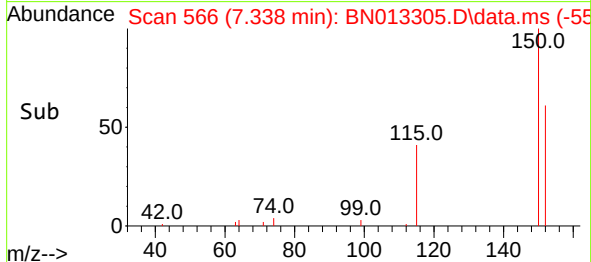
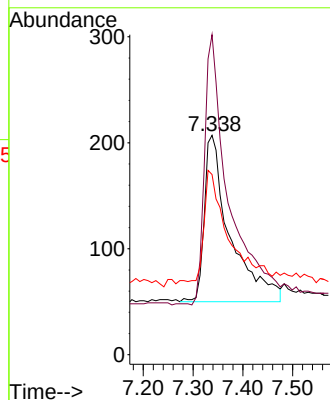
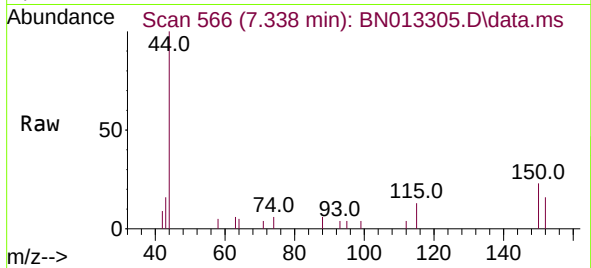




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. 0.008 min
Lab File: BN013305.D
Acq: 23 Dec 2020 20:10

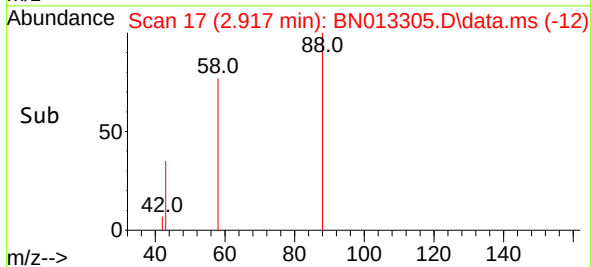
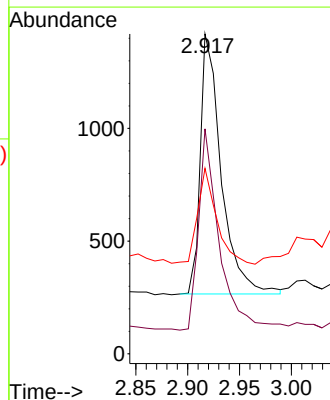
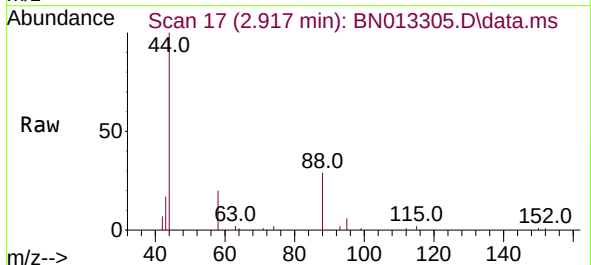
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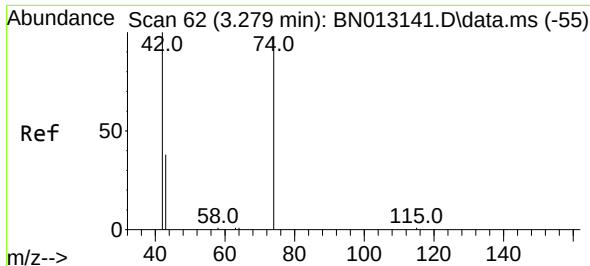
Tgt Ion:152 Resp: 565
Ion Ratio Lower Upper
152 100
150 145.9 116.6 174.8
115 82.1 52.9 79.3#



#2
1,4-Dioxane
Concen: 1.64 ng
RT: 2.917 min Scan# 17
Delta R.T. -0.008 min
Lab File: BN013305.D
Acq: 23 Dec 2020 20:10

Tgt Ion: 88 Resp: 1618
Ion Ratio Lower Upper
88 100
58 77.3 59.4 89.2
43 33.1 32.3 48.5

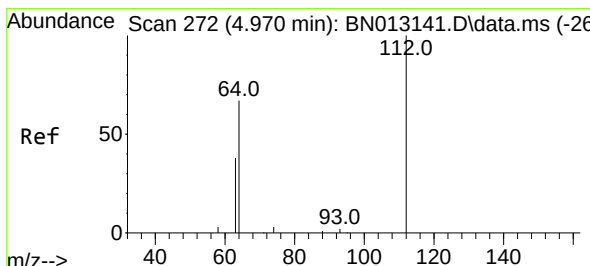
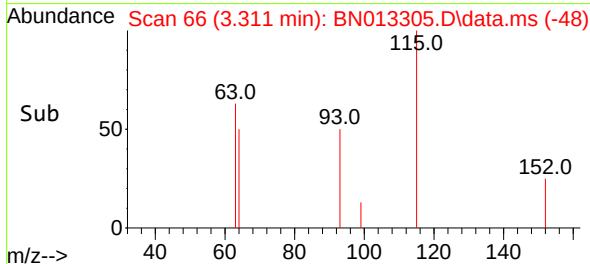
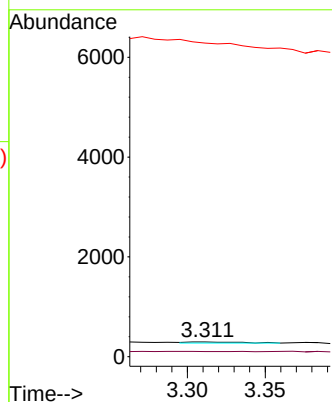
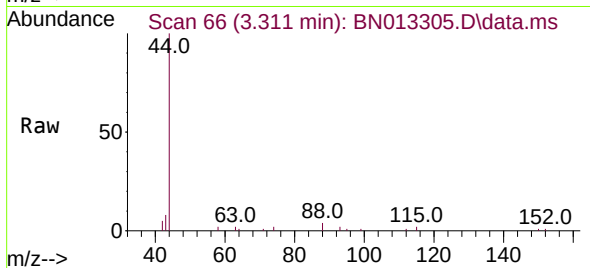




#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.311 min Scan# 66
Delta R.T. 0.048 min
Lab File: BN013305.D
Acq: 23 Dec 2020 20:10

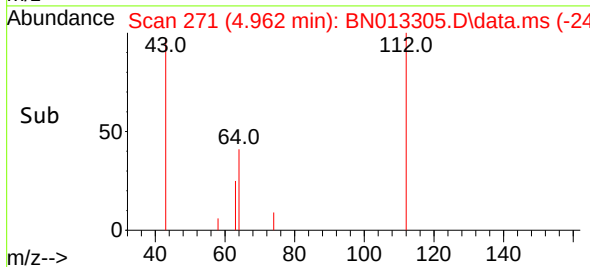
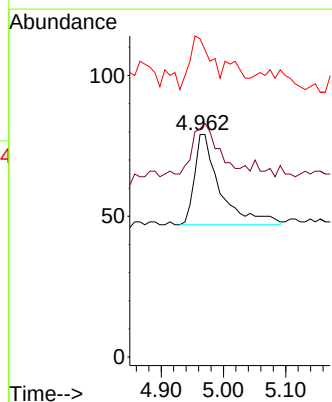
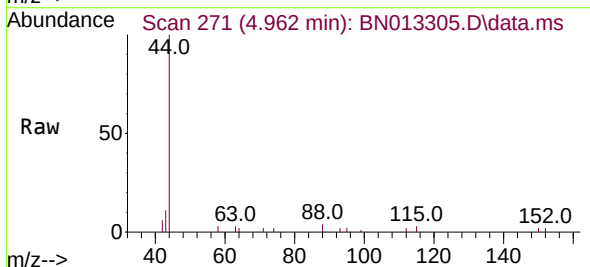
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ClientSampleId :
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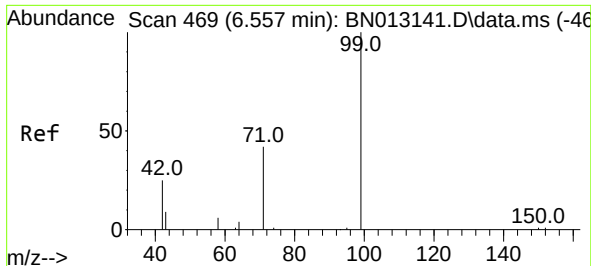
Tgt Ion: 42 Resp: 56
Ion Ratio Lower Upper
42 100
74 0.0 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.04 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013305.D
Acq: 23 Dec 2020 20:10

Tgt Ion: 112 Resp: 92
Ion Ratio Lower Upper
112 100
64 53.3 49.5 74.3
63 47.8 32.0 48.0

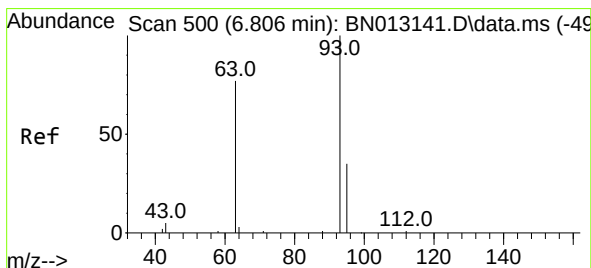
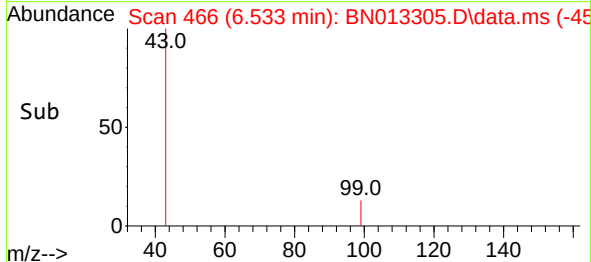
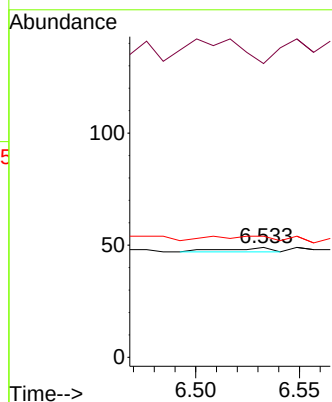
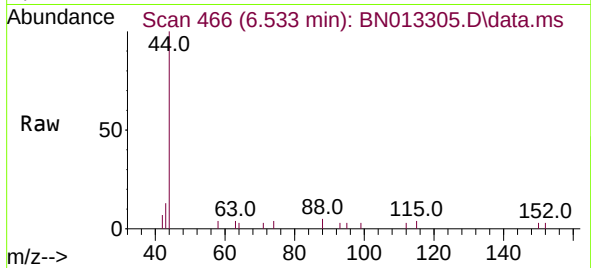




#5
Phenol-d6
Concen: 0.00 ng
RT: 6.533 min Scan# 466
Delta R.T. -0.008 min
Lab File: BN013305.D
Acq: 23 Dec 2020 20:10

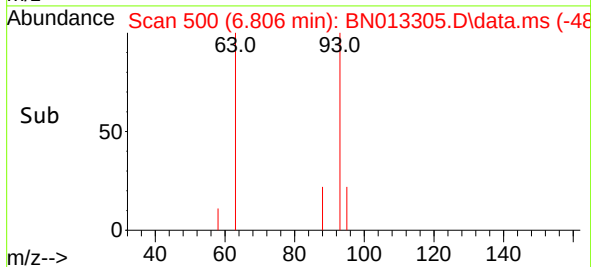
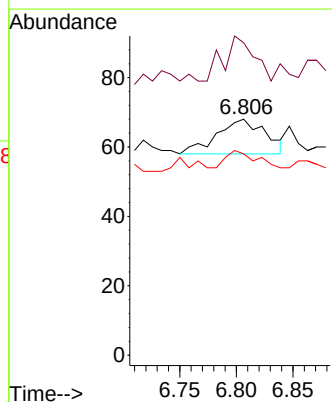
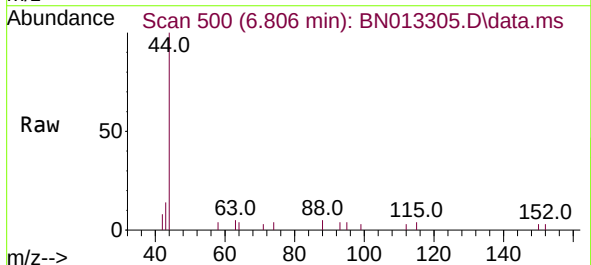
Instrument :
BNA_N
ClientSampleId :
TT101D1-20201211RE

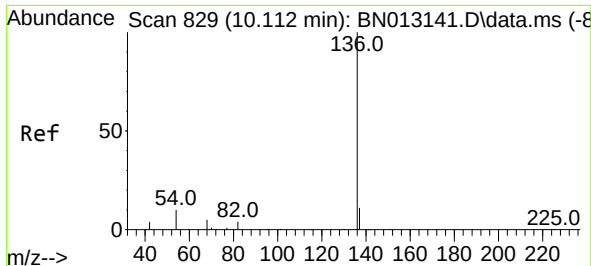
Tgt Ion: 99 Resp: 3
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 0.0 37.8 56.6#



#6
bis(2-Chloroethyl)ether
Concen: 0.02 ng
RT: 6.806 min Scan# 500
Delta R.T. 0.024 min
Lab File: BN013305.D
Acq: 23 Dec 2020 20:10

Tgt Ion: 93 Resp: 30
Ion Ratio Lower Upper
93 100
63 93.3 63.1 94.7
95 33.3 26.1 39.1

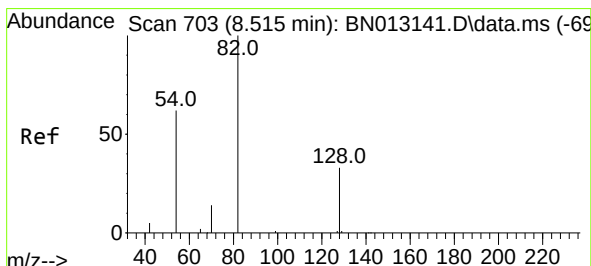
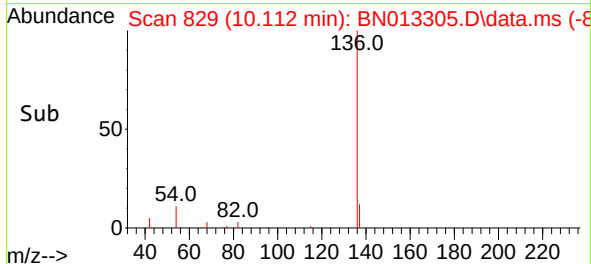
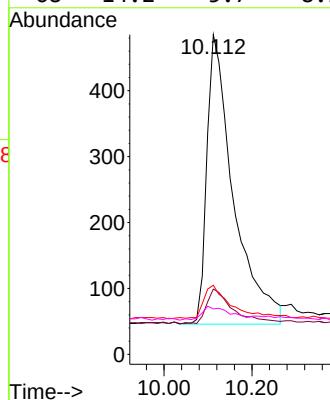
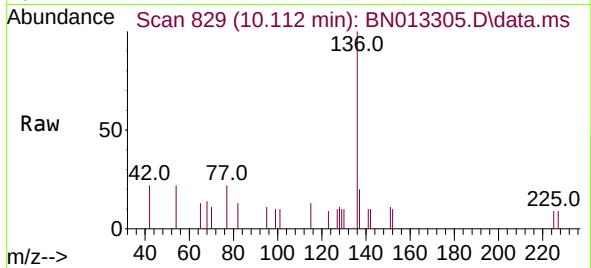




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013305.D
Acq: 23 Dec 2020 20:10

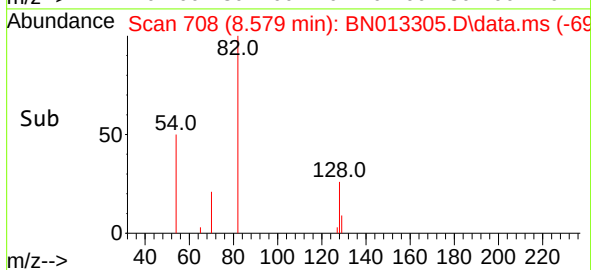
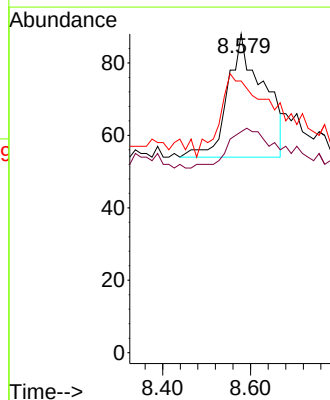
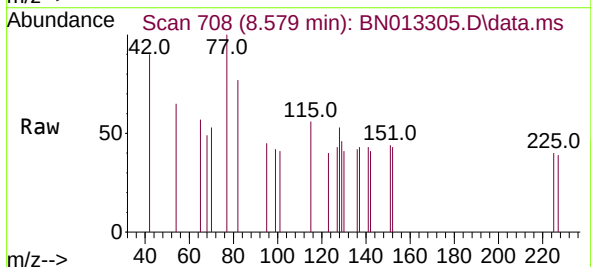
Instrument :
BNA_N
ClientSampleId :
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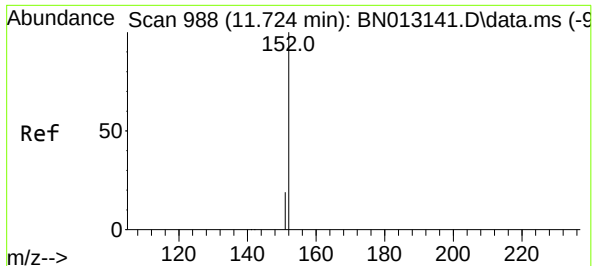
Tgt Ion:	136	Resp:	1843
Ion Ratio	Lower	Upper	
136	100		
137	20.4	10.6	15.8#
54	21.6	8.6	12.8#
68	14.2	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.10 ng
RT: 8.579 min Scan# 708
Delta R.T. 0.076 min
Lab File: BN013305.D
Acq: 23 Dec 2020 20:10

Tgt Ion:	82	Resp:	190
Ion Ratio	Lower	Upper	
82	100		
128	69.3	30.6	46.0#
54	85.2	48.3	72.5#

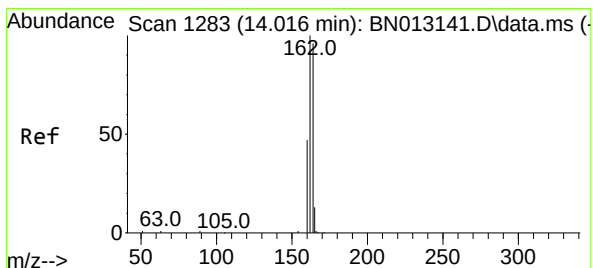
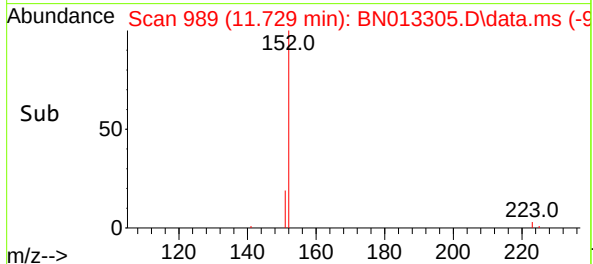
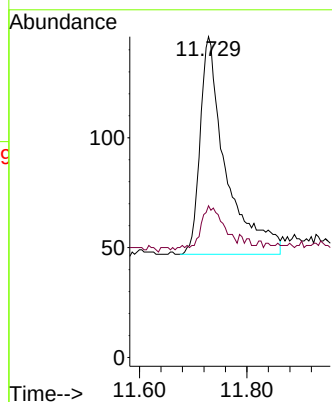
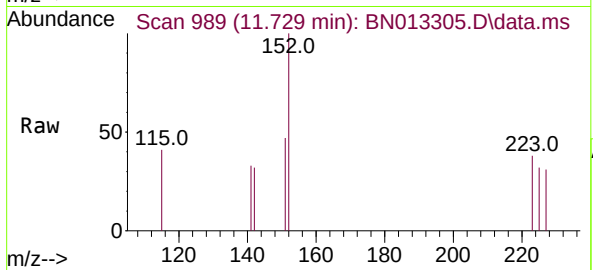




#11
2-Methylnaphthalene-d10
Concen: 0.10 ng
RT: 11.729 min Scan# 989
Delta R.T. 0.022 min
Lab File: BN013305.D
Acq: 23 Dec 2020 20:10

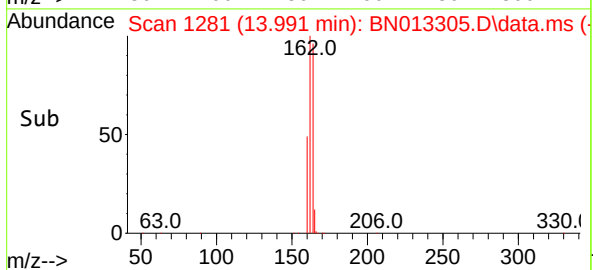
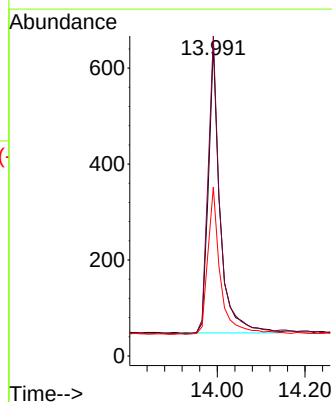
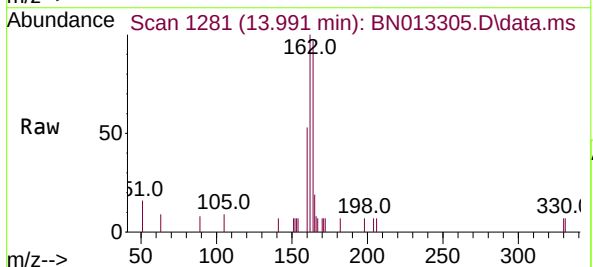
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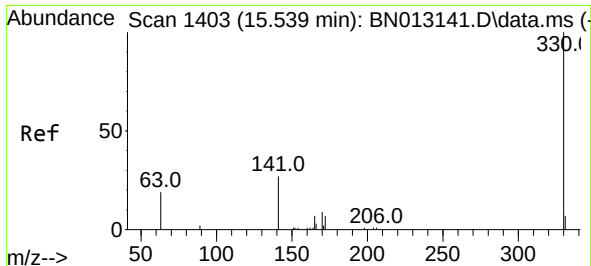
Tgt Ion:152 Resp: 328
Ion Ratio Lower Upper
152 100
151 16.5 16.7 25.1#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BN013305.D
Acq: 23 Dec 2020 20:10

Tgt Ion:164 Resp: 1109
Ion Ratio Lower Upper
164 100
162 102.9 80.6 120.8
160 54.3 39.5 59.3

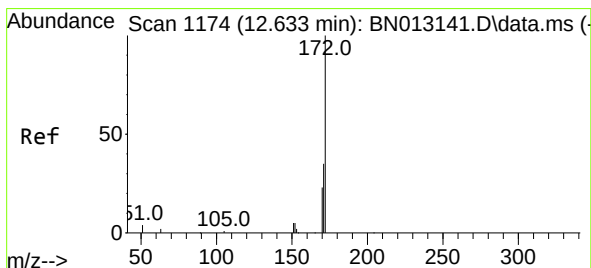
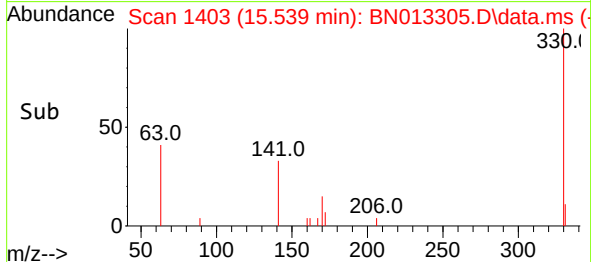
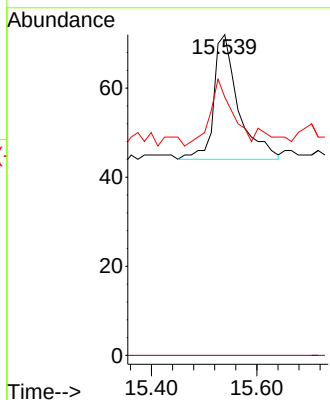
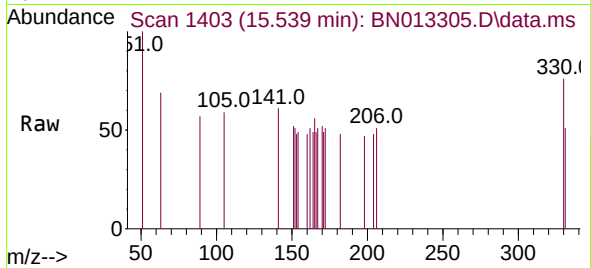




#14
2,4,6-Tribromophenol
Concen: 0.13 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.013 min
Lab File: BN013305.D
Acq: 23 Dec 2020 20:10

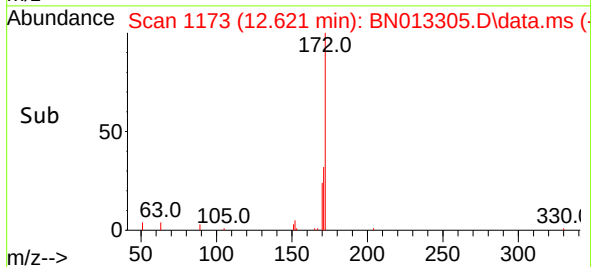
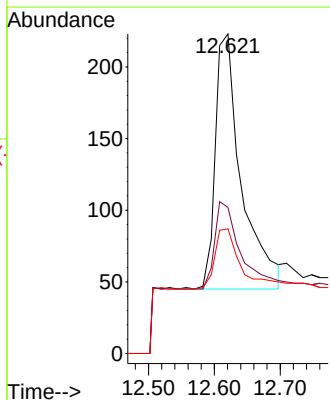
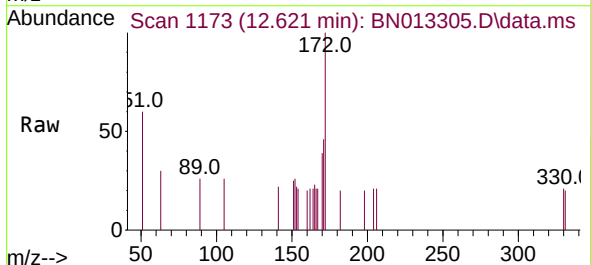
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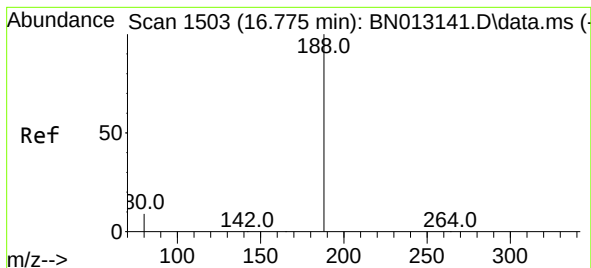
Tgt Ion:330 Resp: 91
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 48.4 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.11 ng
RT: 12.621 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN013305.D
Acq: 23 Dec 2020 20:10

Tgt Ion:172 Resp: 490
Ion Ratio Lower Upper
172 100
171 45.7 28.2 42.4#
170 39.0 20.0 30.0#

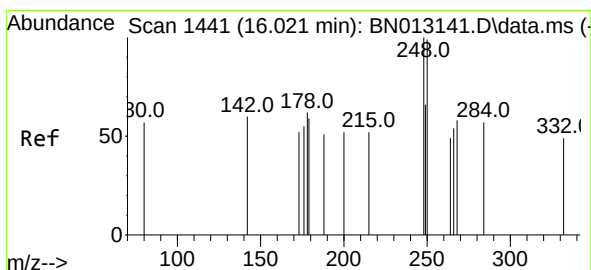
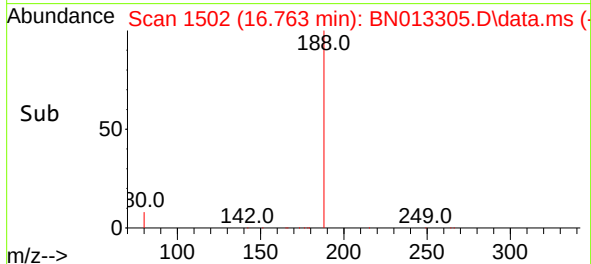
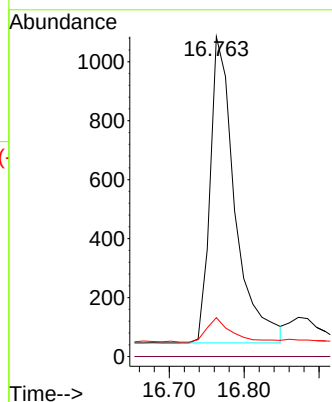
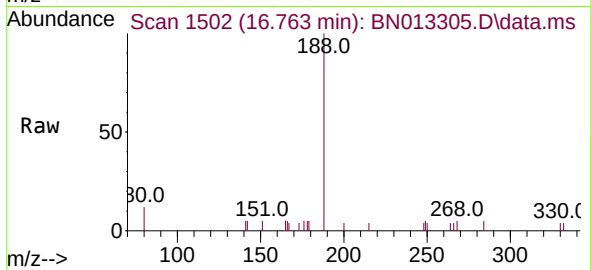




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.763 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BN013305.D
Acq: 23 Dec 2020 20:10

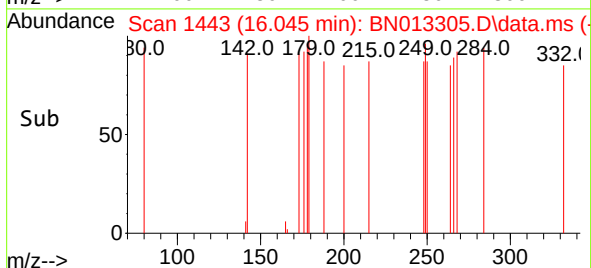
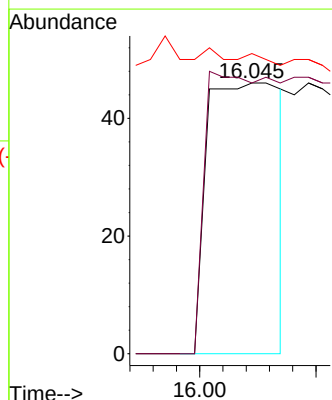
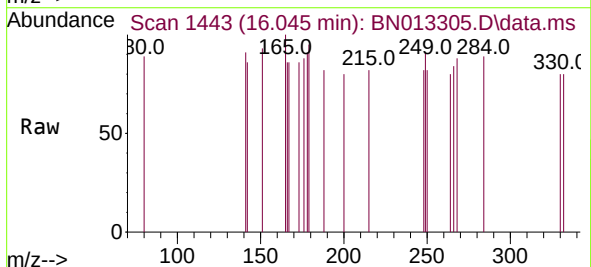
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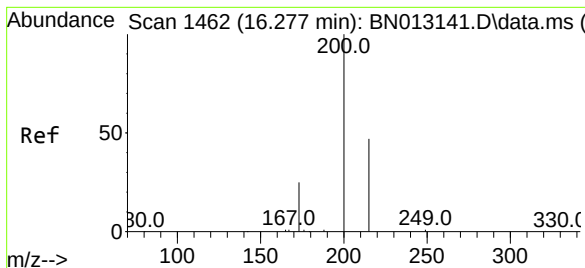
Tgt Ion:188	Resp:	2400
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	12.2	5.0



#21
4-Bromophenyl-phenylether
Concen: 0.43 ng
RT: 16.045 min Scan# 1443
Delta R.T. 0.024 min
Lab File: BN013305.D
Acq: 23 Dec 2020 20:10

Tgt Ion:248	Resp:	201
Ion Ratio	Lower	Upper
248	100	
250	100.0	77.3
141	110.9	57.8





#23

Atrazine

Concen: 0.09 ng

RT: 16.020 min Scan# 1441

Delta R.T. -0.244 min

Lab File: BN013305.D

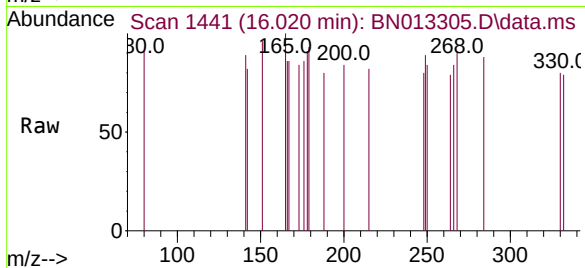
Acq: 23 Dec 2020 20:10

Instrument :

BNA_N

ClientSampleId :

TT101D1-20201211RE



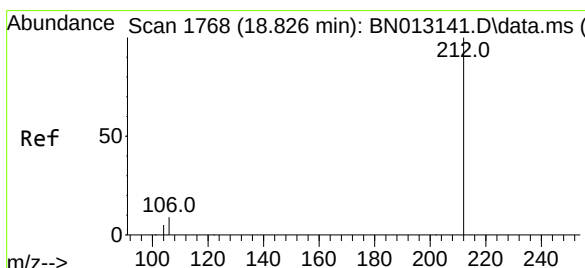
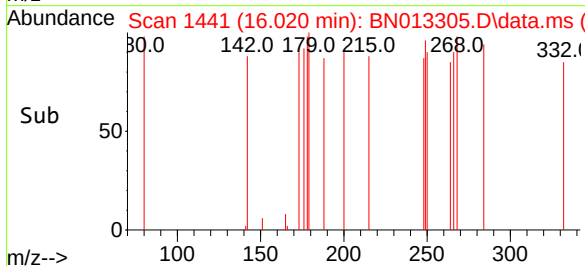
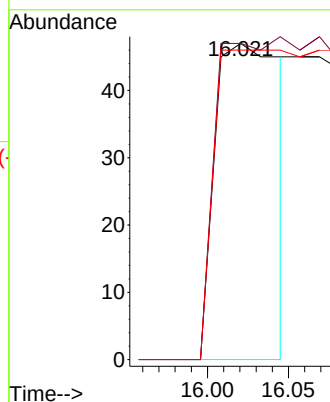
Tgt Ion:200 Resp: 135

Ion Ratio Lower Upper

200 100

173 100.0 22.8 34.2#

215 97.9 38.1 57.1#



#27

Fluoranthene-d10

Concen: 0.14 ng

RT: 18.818 min Scan# 1768

Delta R.T. 0.002 min

Lab File: BN013305.D

Acq: 23 Dec 2020 20:10

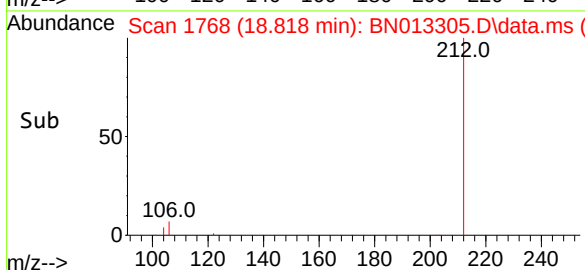
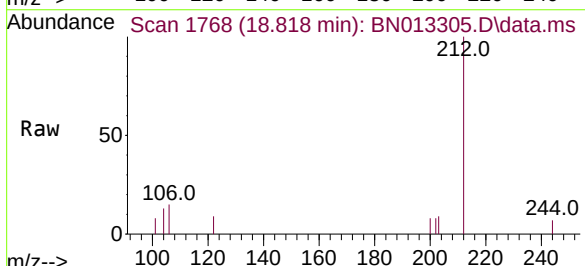
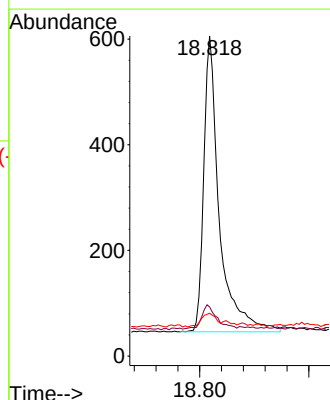
Tgt Ion:212 Resp: 1111

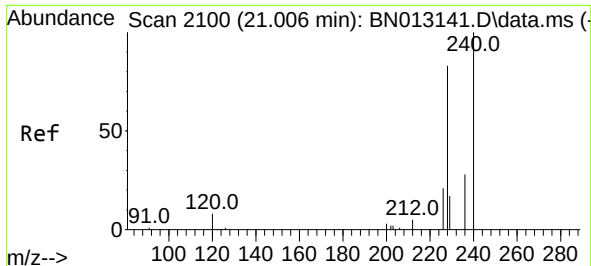
Ion Ratio Lower Upper

212 100

106 8.0 6.8 10.2

104 4.3 4.1 6.1

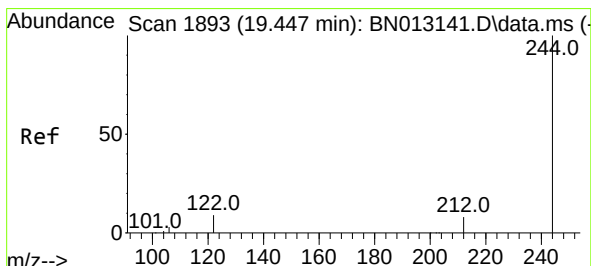
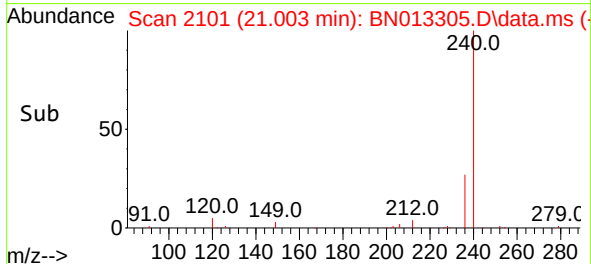
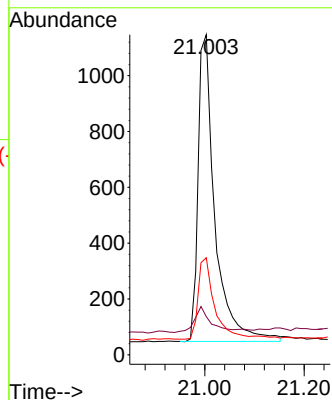
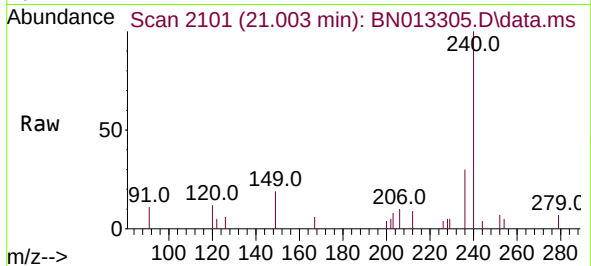




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.003 min Scan# 2101
Delta R.T. 0.008 min
Lab File: BN013305.D
Acq: 23 Dec 2020 20:10

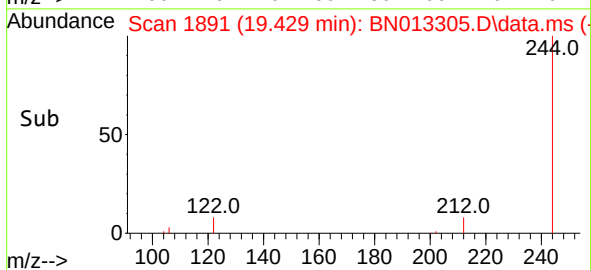
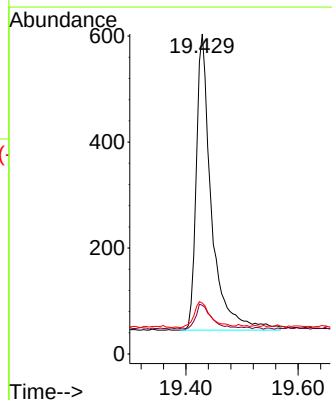
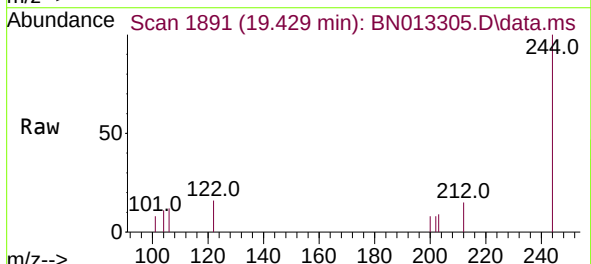
Instrument :
BNA_N
ClientSampleId :
TT101D1-20201211RE

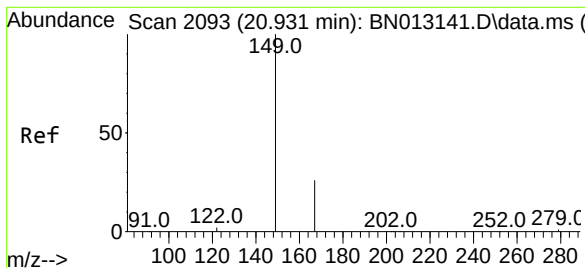
Tgt Ion:240 Resp: 2577
Ion Ratio Lower Upper
240 100
120 11.9 5.3 7.9#
236 30.3 21.8 32.8



#31
Terphenyl-d14
Concen: 0.16 ng
RT: 19.429 min Scan# 1891
Delta R.T. -0.003 min
Lab File: BN013305.D
Acq: 23 Dec 2020 20:10

Tgt Ion:244 Resp: 1049
Ion Ratio Lower Upper
244 100
212 15.2 7.3 10.9#
122 15.9 7.3 10.9#

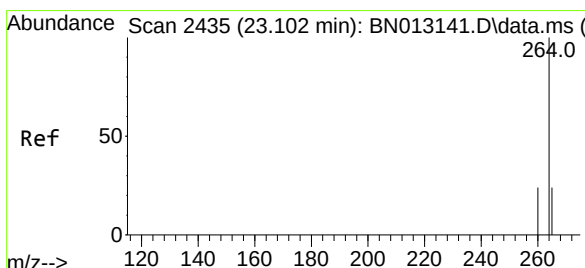
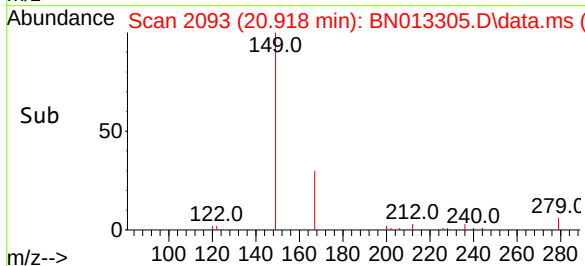
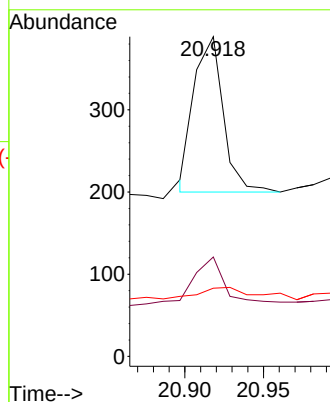
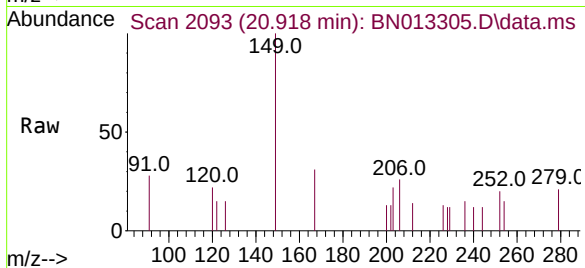




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.918 min Scan# 2093
Delta R.T. -0.003 min
Lab File: BN013305.D
Acq: 23 Dec 2020 20:10

Instrument :
BNA_N
ClientSampleId :
TT101D1-20201211RE

Tgt Ion:149 Resp: 246
Ion Ratio Lower Upper
149 100
167 26.4 23.2 34.8
279 6.9 3.9 5.9#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.083 min Scan# 2431
Delta R.T. -0.003 min
Lab File: BN013305.D
Acq: 23 Dec 2020 20:10

Tgt Ion:264 Resp: 2795
Ion Ratio Lower Upper
264 100
260 27.1 19.8 29.6
265 80.1 51.4 77.0#

