

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013252.D
 Acq On : 22 Dec 2020 00:41
 Operator : CG/JU
 Sample : L5123-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW202D-20201213

Quant Time: Dec 22 01:35:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 16:11:20 2020
 Response via : Initial Calibration

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

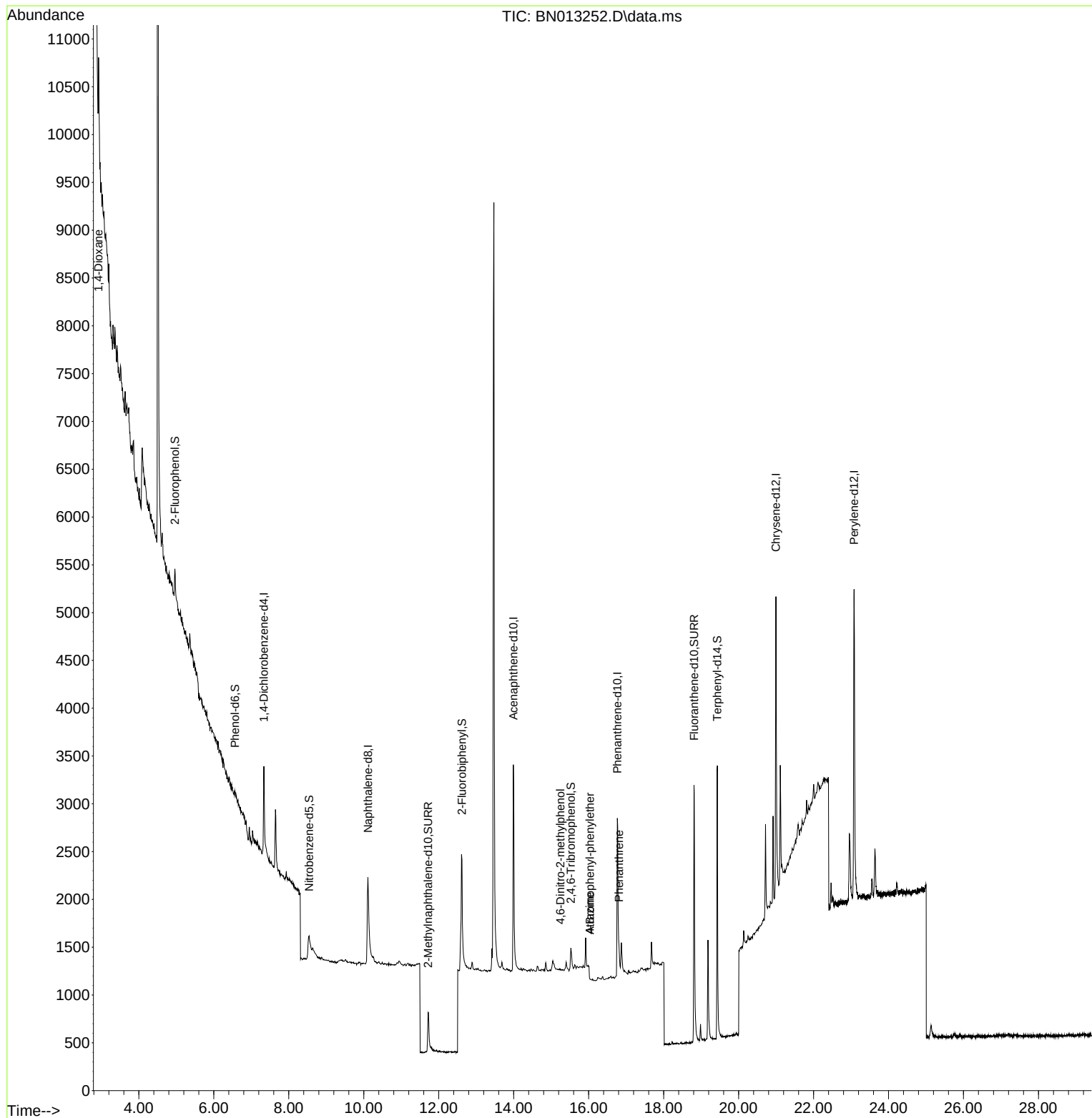
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	624	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2303	0.40	ng	# 0.00
13) Acenaphthene-d10	13.991	164	1540	0.40	ng	-0.01
19) Phenanthrene-d10	16.763	188	3327	0.40	ng	#-0.01
29) Chrysene-d12	20.995	240	3822	0.40	ng	#-0.01
36) Perylene-d12	23.082	264	4454	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	282	0.11	ng	0.00
5) Phenol-d6	6.565	99	137	0.05	ng	0.02
8) Nitrobenzene-d5	8.541	82	602	0.25	ng	0.01
11) 2-Methylnaphthalene-d10	11.720	152	977	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.526	330	260	0.27	ng	-0.01
15) 2-Fluorobiphenyl	12.621	172	1649	0.26	ng	-0.01
27) Fluoranthene-d10	18.811	212	3984	0.36	ng	0.00
31) Terphenyl-d14	19.432	244	3499	0.36	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.925	88	752	0.69	ng	Qvalue 92
20) 4,6-Dinitro-2-methylph...	15.247	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.033	248	135	0.21	ng	# 74
23) Atrazine	16.033	200	173	0.09	ng	# 1
25) Phenanthrene	16.812	178	237	0.02	ng	# 82
34) Bis(2-ethylhexyl)phtha...	20.921	149	758	Below	Cal	97

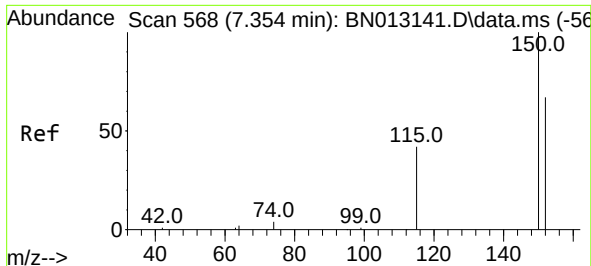
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 18 16:11:20 2020
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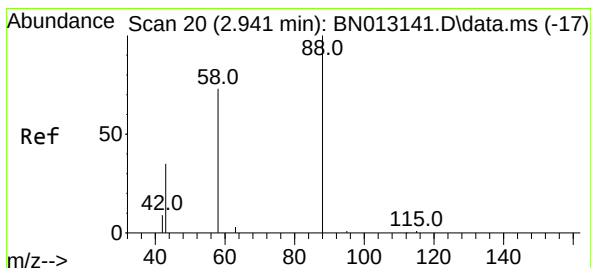
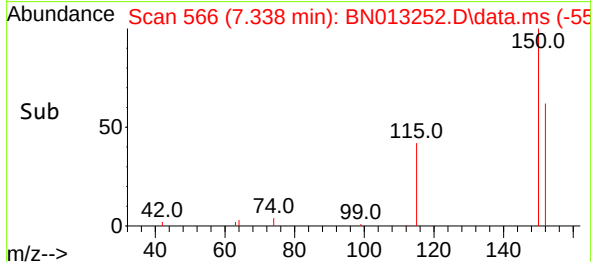
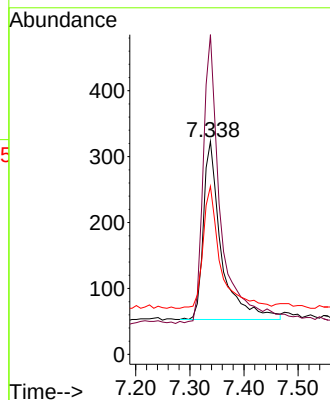
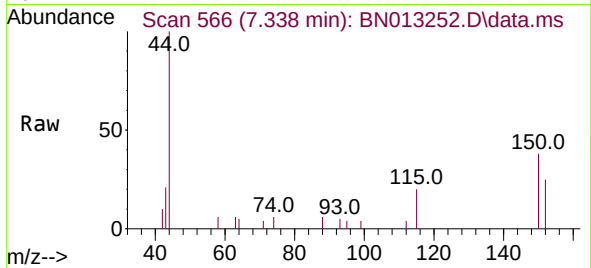




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. -0.008 min
Lab File: BN013252.D
Acq: 22 Dec 2020 00:41

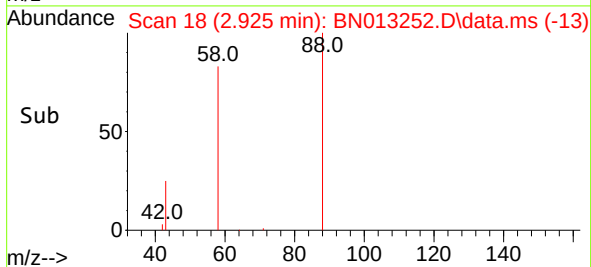
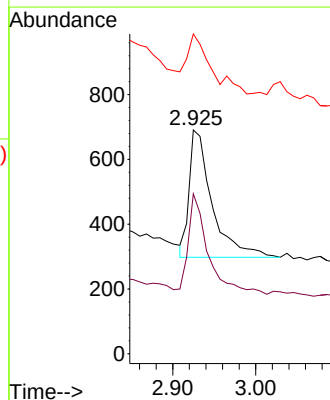
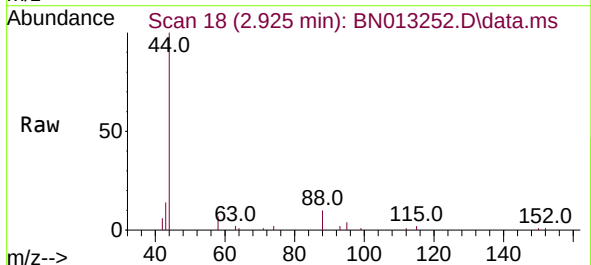
Instrument :
BNA_N
ClientSampleId :
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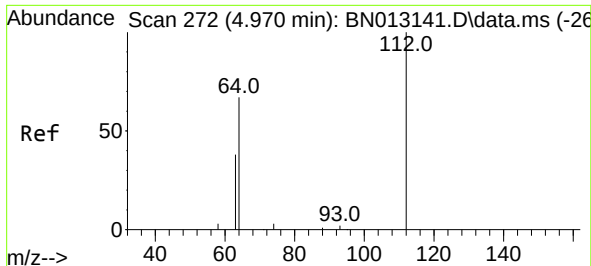
Tgt Ion:152 Resp: 624
Ion Ratio Lower Upper
152 100
150 150.2 116.6 174.8
115 78.9 52.9 79.3



#2
1,4-Dioxane
Concen: 0.69 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.008 min
Lab File: BN013252.D
Acq: 22 Dec 2020 00:41

Tgt Ion: 88 Resp: 752
Ion Ratio Lower Upper
88 100
58 69.1 59.4 89.2
43 47.3 32.3 48.5

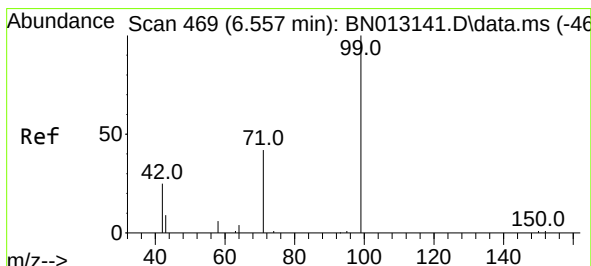
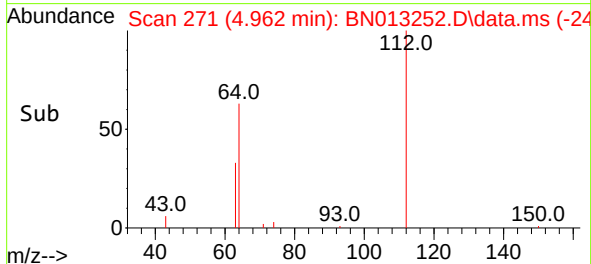
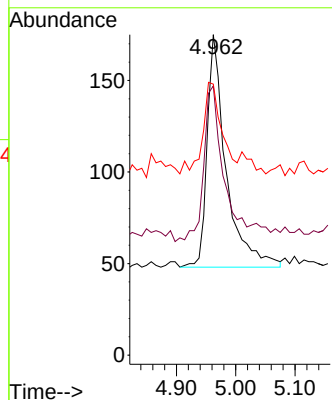
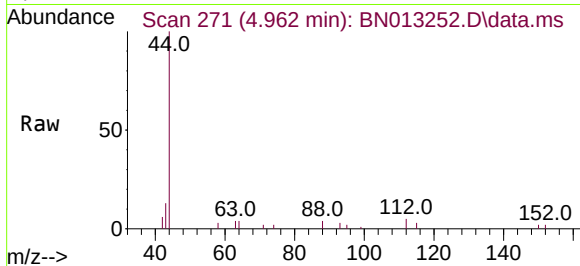




#4
2-Fluorophenol
Concen: 0.11 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.000 min
Lab File: BN013252.D
Acq: 22 Dec 2020 00:41

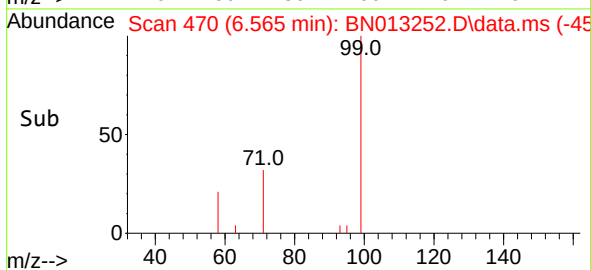
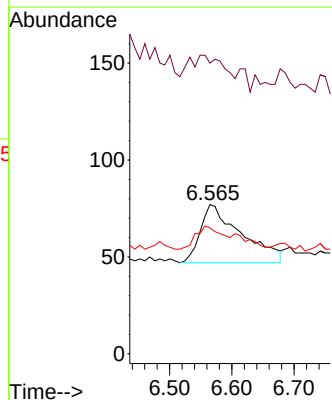
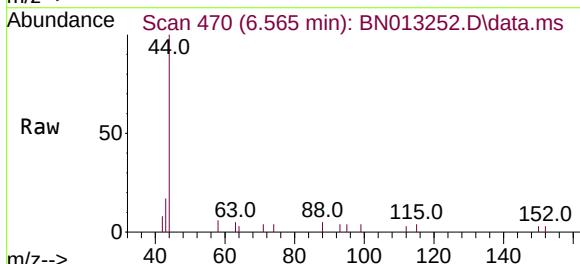
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ClientSampleId :
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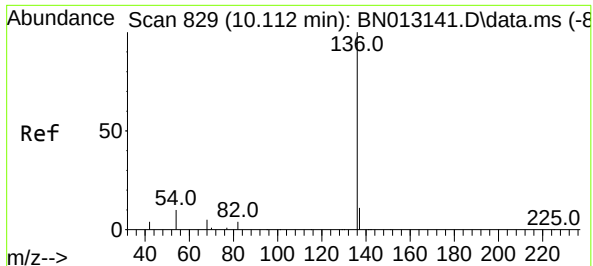
Tgt Ion:112 Resp: 282
Ion Ratio Lower Upper
112 100
64 67.4 49.5 74.3
63 39.0 32.0 48.0



#5
Phenol-d6
Concen: 0.05 ng
RT: 6.565 min Scan# 470
Delta R.T. 0.016 min
Lab File: BN013252.D
Acq: 22 Dec 2020 00:41

Tgt Ion: 99 Resp: 137
Ion Ratio Lower Upper
99 100
42 29.2 22.4 33.6
71 25.5 37.8 56.6#

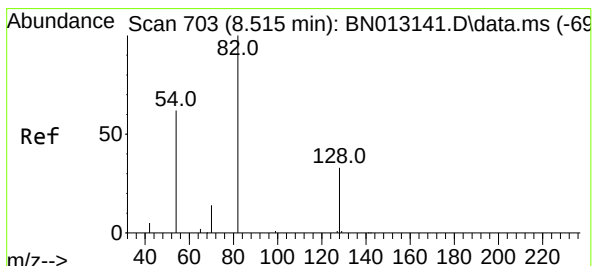
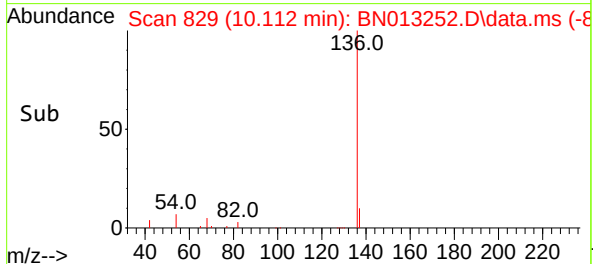
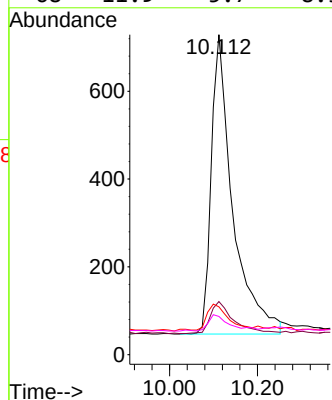
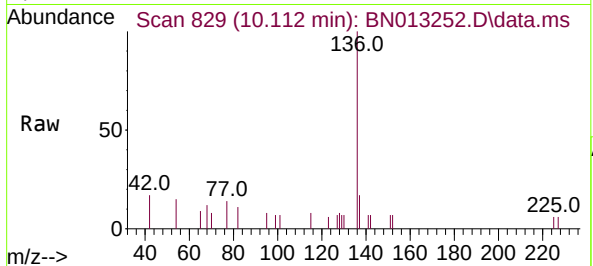




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.000 min
Lab File: BN013252.D
Acq: 22 Dec 2020 00:41

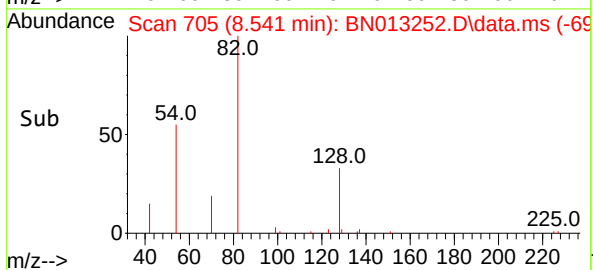
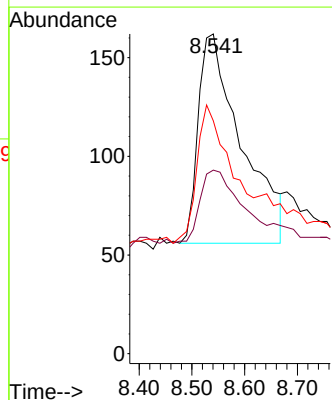
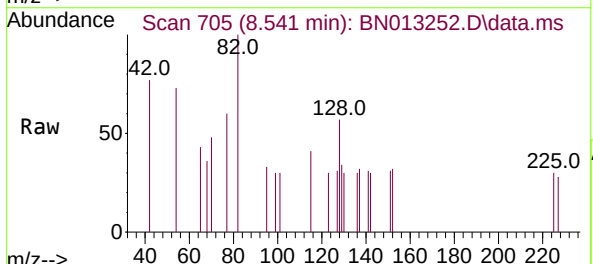
Instrument :
BNA_N
ClientSampleId :
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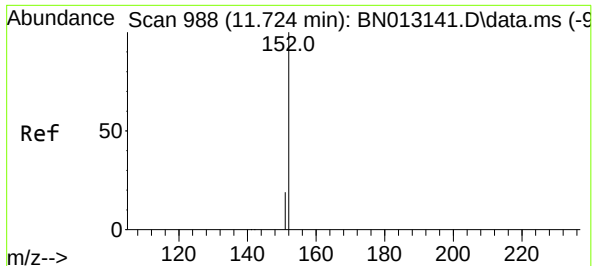
Tgt Ion:	136	Resp:	2303
Ion	Ratio	Lower	Upper
136	100		
137	16.6	10.6	15.8#
54	15.0	8.6	12.8#
68	11.9	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.541 min Scan# 705
Delta R.T. 0.013 min
Lab File: BN013252.D
Acq: 22 Dec 2020 00:41

Tgt Ion:	82	Resp:	602
Ion	Ratio	Lower	Upper
82	100		
128	57.4	30.6	46.0#
54	72.8	48.3	72.5#

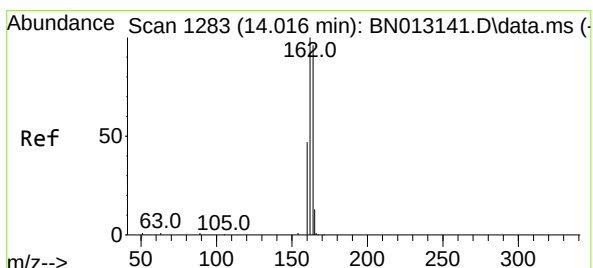
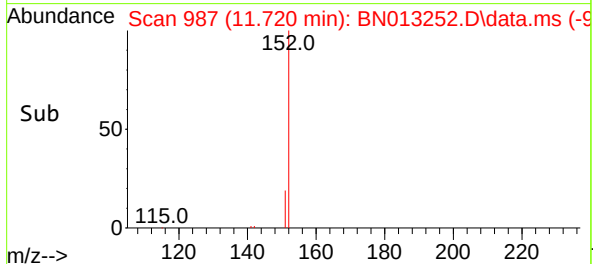
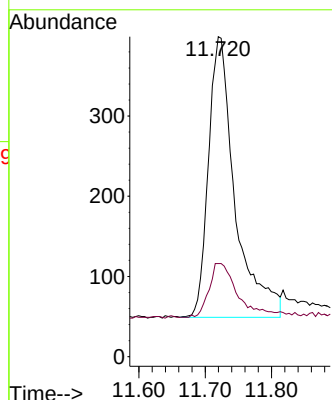
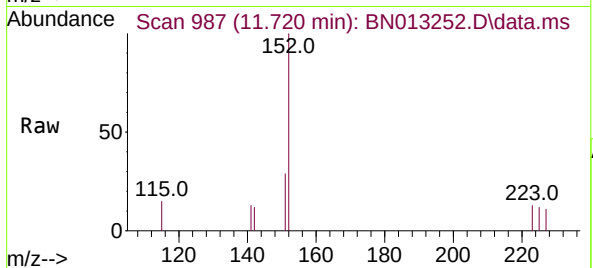




#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 11.720 min Scan# 987
Delta R.T. -0.004 min
Lab File: BN013252.D
Acq: 22 Dec 2020 00:41

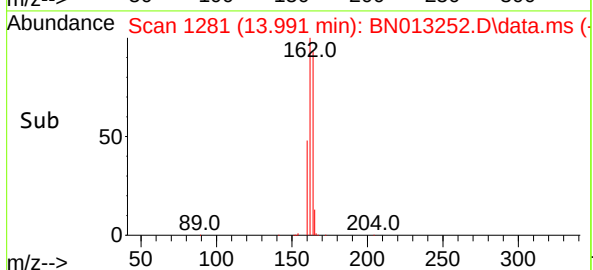
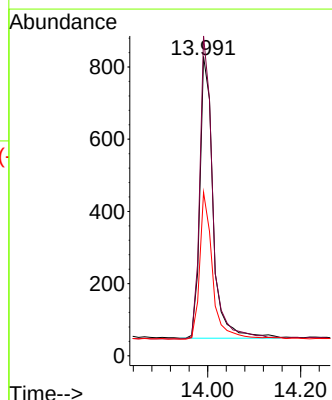
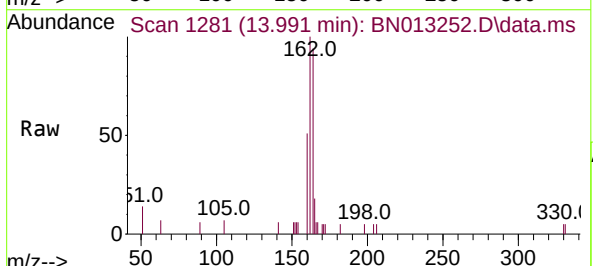
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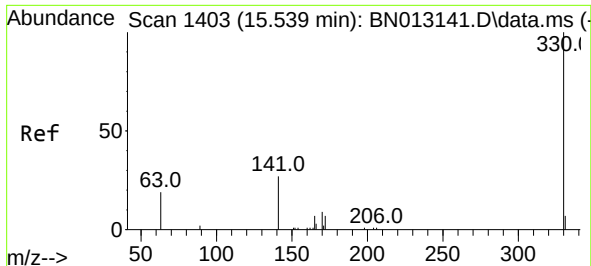
Tgt Ion:152 Resp: 977
Ion Ratio Lower Upper
152 100
151 21.2 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.013 min
Lab File: BN013252.D
Acq: 22 Dec 2020 00:41

Tgt Ion:164 Resp: 1540
Ion Ratio Lower Upper
164 100
162 106.9 80.6 120.8
160 54.6 39.5 59.3

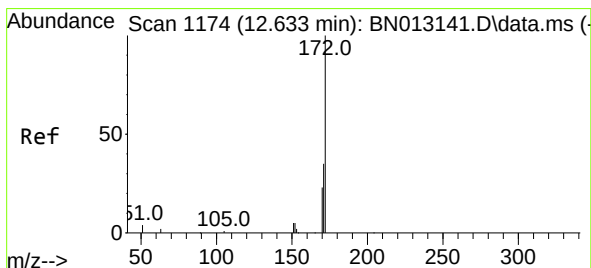
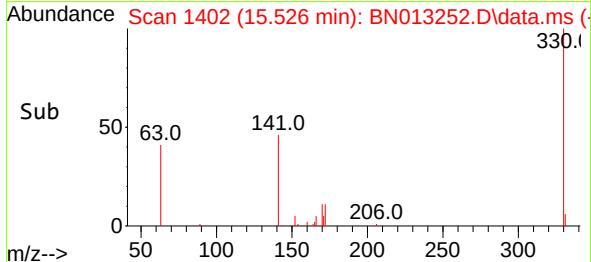
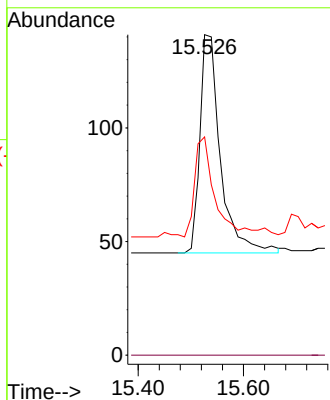
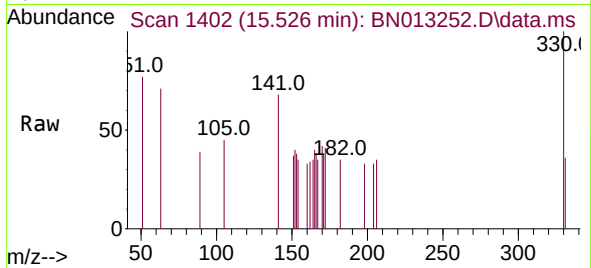




#14
2,4,6-Tribromophenol
Concen: 0.27 ng
RT: 15.526 min Scan# 1402
Delta R.T. -0.013 min
Lab File: BN013252.D
Acq: 22 Dec 2020 00:41

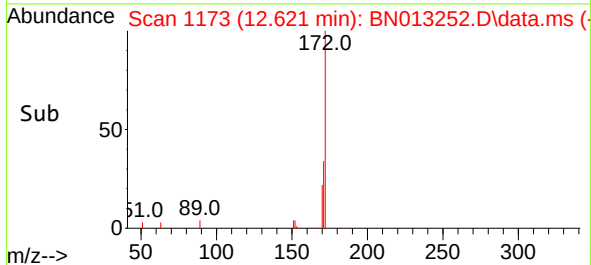
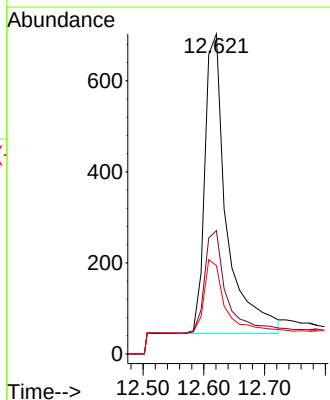
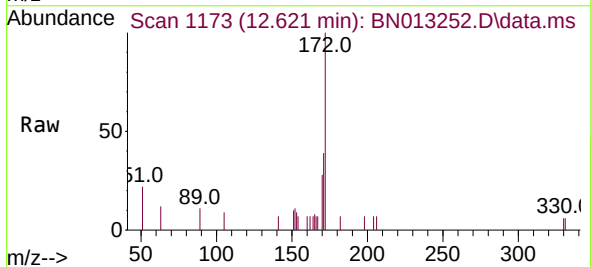
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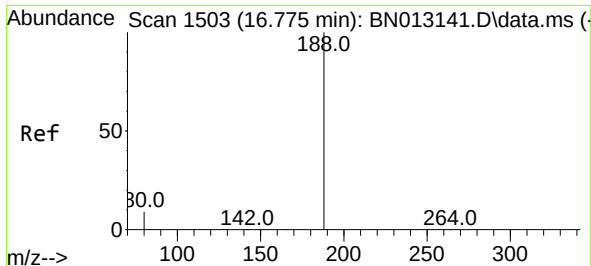
Tgt Ion:330 Resp: 260
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.5 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.621 min Scan# 1173
Delta R.T. -0.013 min
Lab File: BN013252.D
Acq: 22 Dec 2020 00:41

Tgt Ion:172 Resp: 1649
Ion Ratio Lower Upper
172 100
171 38.5 28.2 42.4
170 27.6 20.0 30.0

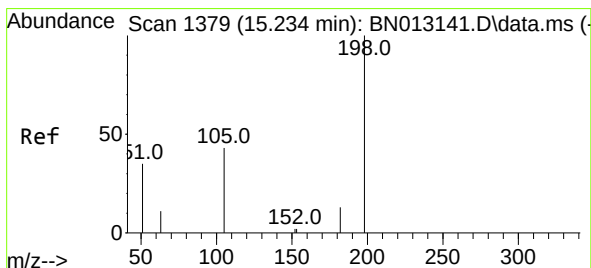
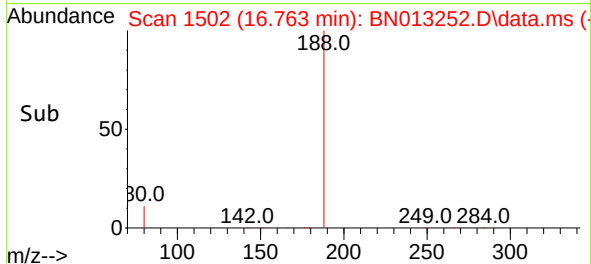
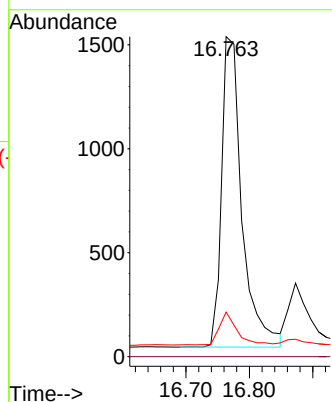
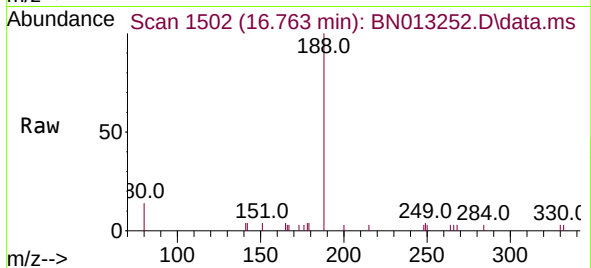




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.763 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BN013252.D
Acq: 22 Dec 2020 00:41

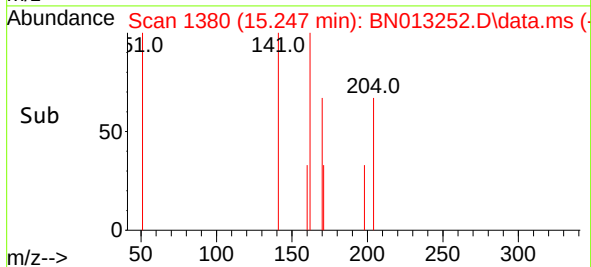
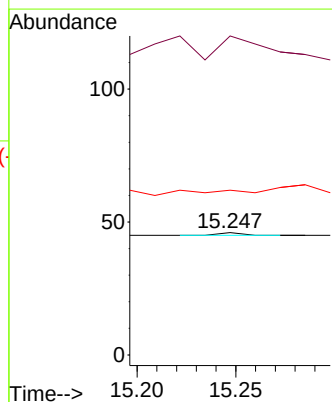
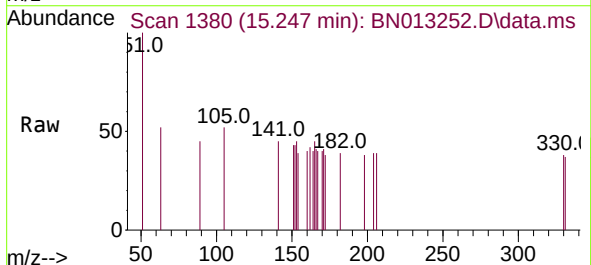
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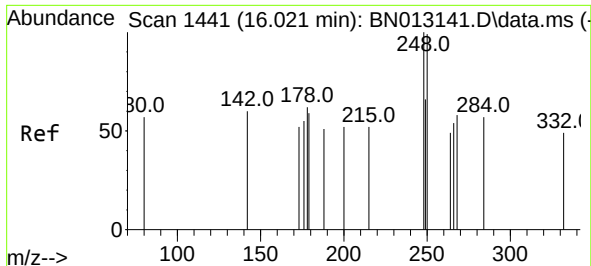
Tgt Ion:188 Resp: 3327
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 5.0 7.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.247 min Scan# 1380
Delta R.T. -0.013 min
Lab File: BN013252.D
Acq: 22 Dec 2020 00:41

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 260.9 43.5 65.3#
105 134.8 27.2 40.8#

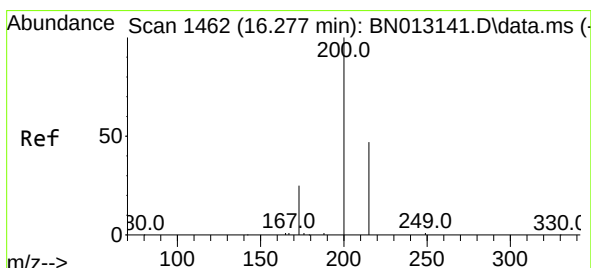
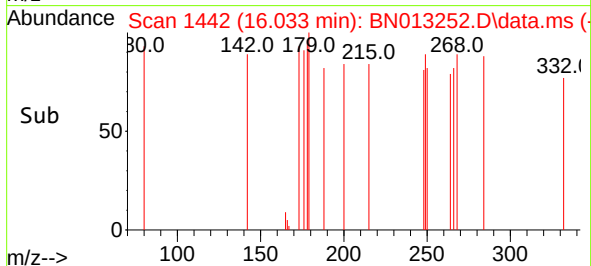
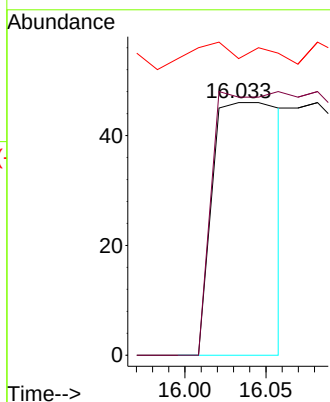
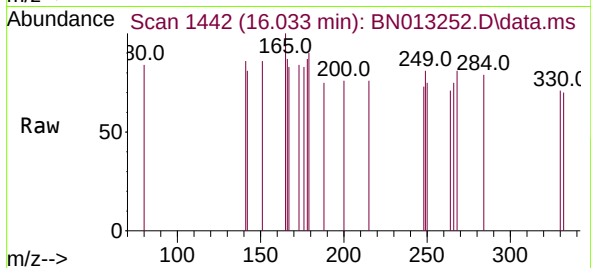




#21
4-Bromophenyl-phenylether
Concen: 0.21 ng
RT: 16.033 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BN013252.D
Acq: 22 Dec 2020 00:41

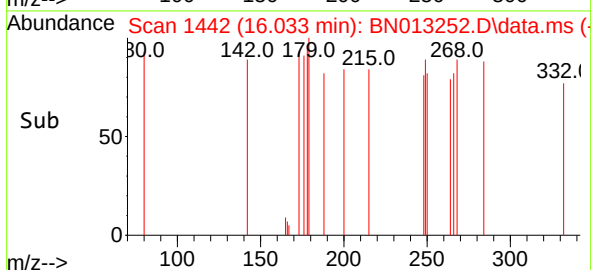
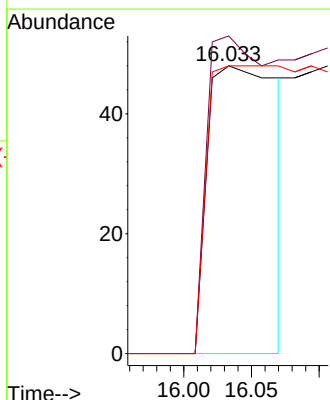
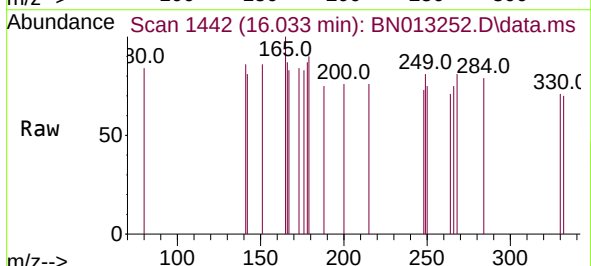
Instrument :
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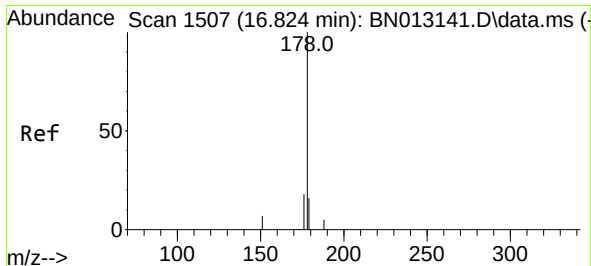
Tgt Ion:248 Resp: 135
Ion Ratio Lower Upper
248 100
250 102.2 77.3 115.9
141 117.4 57.8 86.8#



#23
Atrazine
Concen: 0.09 ng
RT: 16.033 min Scan# 1442
Delta R.T. -0.243 min
Lab File: BN013252.D
Acq: 22 Dec 2020 00:41

Tgt Ion:200 Resp: 173
Ion Ratio Lower Upper
200 100
173 110.4 22.8 34.2#
215 100.0 38.1 57.1#

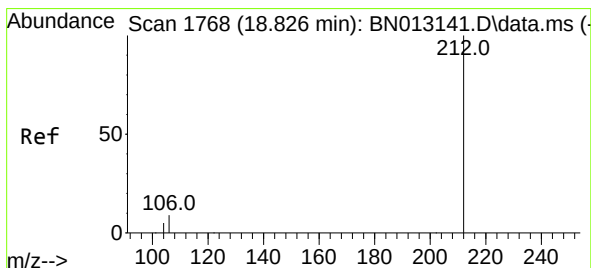
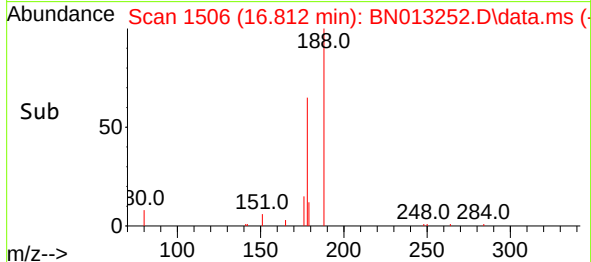
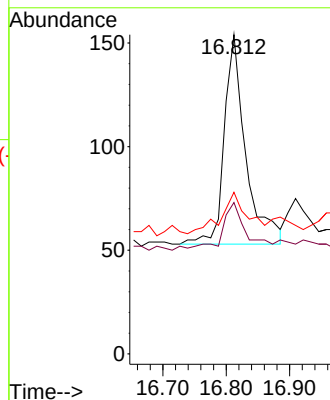
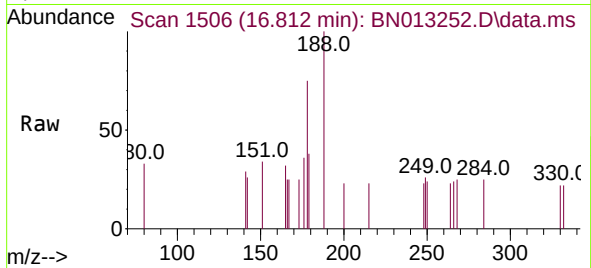




#25
Phenanthrene
Concen: 0.02 ng
RT: 16.812 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BN013252.D
Acq: 22 Dec 2020 00:41

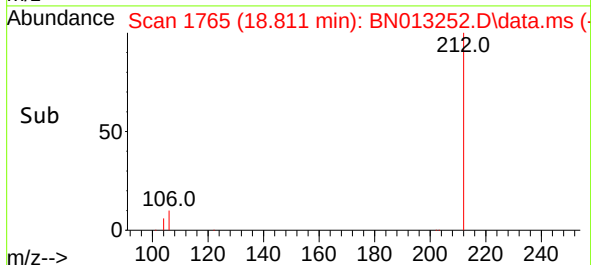
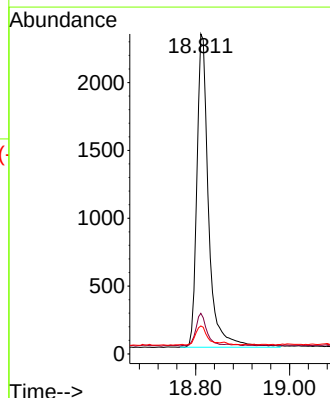
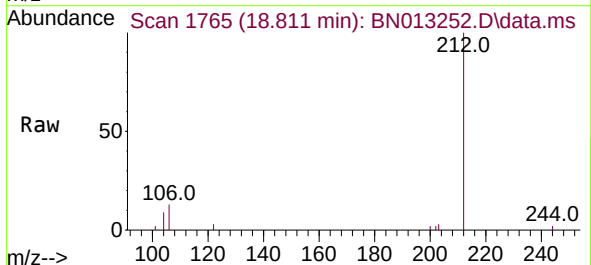
Instrument :
BNA_N
ClientSampleId :
MW202D-20201213

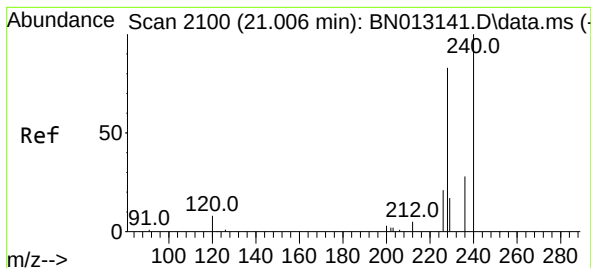
Tgt Ion:178 Resp: 237
Ion Ratio Lower Upper
178 100
176 25.7 14.8 22.2#
179 24.1 12.4 18.6#



#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 18.811 min Scan# 1765
Delta R.T. -0.010 min
Lab File: BN013252.D
Acq: 22 Dec 2020 00:41

Tgt Ion:212 Resp: 3984
Ion Ratio Lower Upper
212 100
106 9.7 6.8 10.2
104 5.9 4.1 6.1





#29

Chrysene-d12

Concen: 0.40 ng

RT: 20.995 min Scan# 2099

Delta R.T. -0.011 min

Lab File: BN013252.D

Acq: 22 Dec 2020 00:41

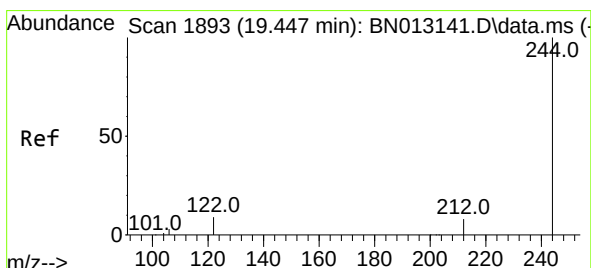
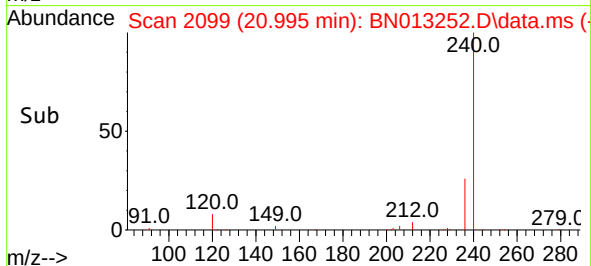
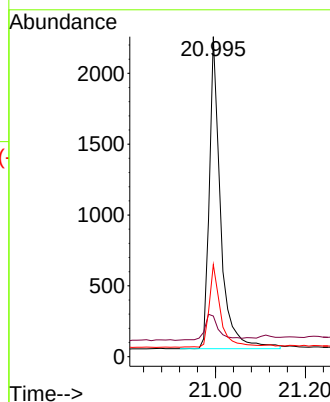
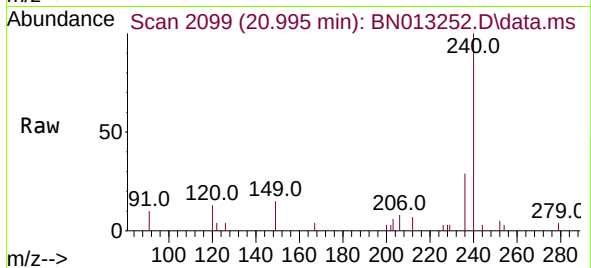
Tgt Ion:240 Resp: 3822

Ion Ratio Lower Upper

240 100

120 12.7 5.3 7.9#

236 28.7 21.8 32.8



#31

Terphenyl-d14

Concen: 0.36 ng

RT: 19.432 min Scan# 1890

Delta R.T. -0.015 min

Lab File: BN013252.D

Acq: 22 Dec 2020 00:41

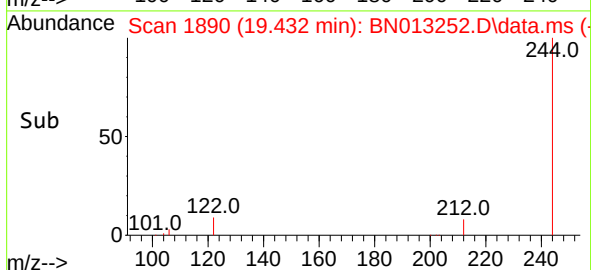
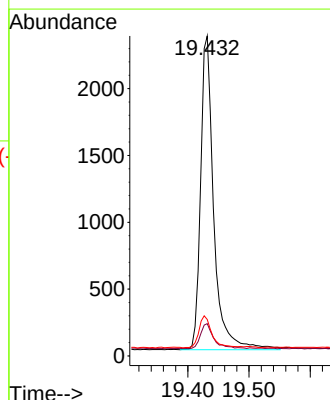
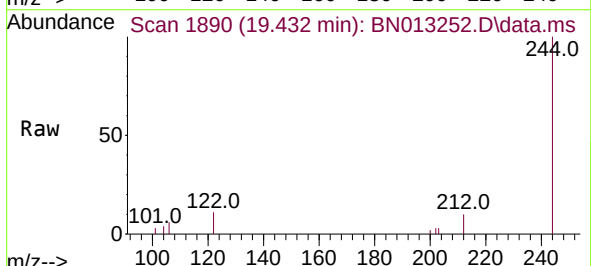
Tgt Ion:244 Resp: 3499

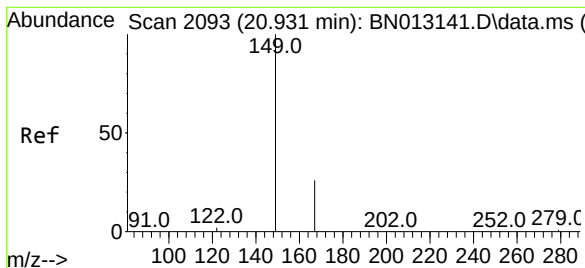
Ion Ratio Lower Upper

244 100

212 10.1 7.3 10.9

122 11.4 7.3 10.9#

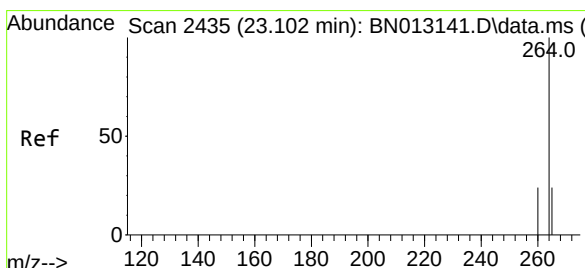
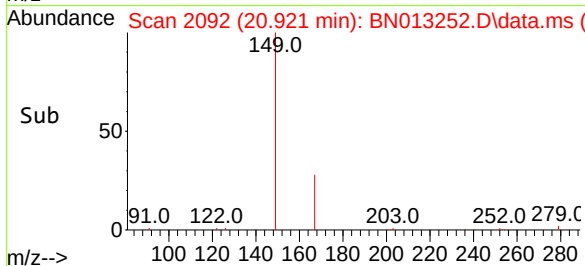
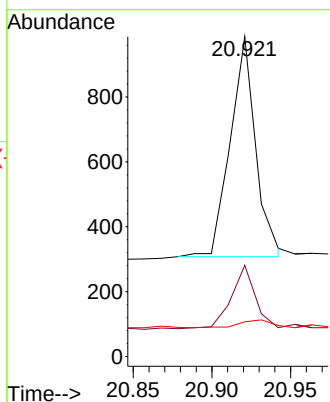
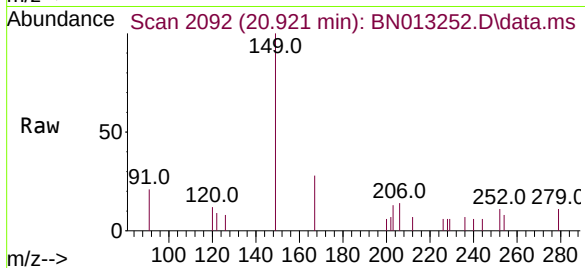




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.921 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BN013252.D
Acq: 22 Dec 2020 00:41

Instrument :
BNA_N
ClientSampleId :
MW202D-20201213

Tgt Ion:149 Resp: 758
Ion Ratio Lower Upper
149 100
167 27.3 23.2 34.8
279 4.5 3.9 5.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.082 min Scan# 2429
Delta R.T. -0.014 min
Lab File: BN013252.D
Acq: 22 Dec 2020 00:41

Tgt Ion:264 Resp: 4454
Ion Ratio Lower Upper
264 100
260 26.5 19.8 29.6
265 68.5 51.4 77.0

