

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013248.D
 Acq On : 21 Dec 2020 22:17
 Operator : CG/JU
 Sample : L5123-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW203D2-20201213

Quant Time: Dec 22 01:06:34 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)

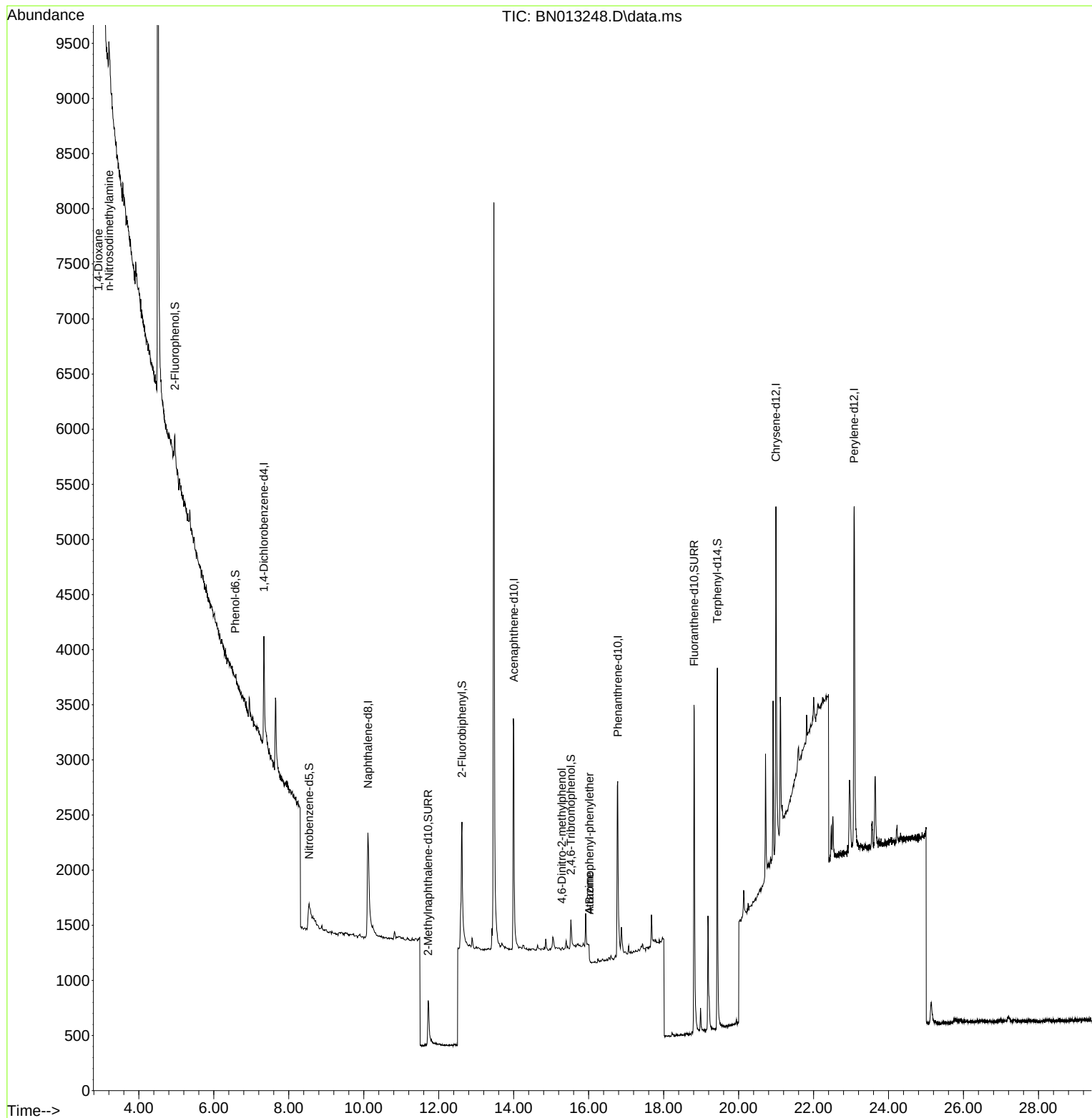
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	765	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2545	0.40	ng	# 0.00
13) Acenaphthene-d10	14.004	164	1650	0.40	ng	0.00
19) Phenanthrene-d10	16.776	188	3415	0.40	ng	# 0.00
29) Chrysene-d12	20.995	240	3904	0.40	ng	#-0.01
36) Perylene-d12	23.082	264	4446	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	277	0.09	ng	0.00
5) Phenol-d6	6.573	99	124	0.04	ng	0.02
8) Nitrobenzene-d5	8.541	82	619	0.24	ng	0.01
11) 2-Methylnaphthalene-d10	11.720	152	1018	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.526	330	254	0.24	ng	-0.01
15) 2-Fluorobiphenyl	12.621	172	1646	0.24	ng	-0.01
27) Fluoranthene-d10	18.816	212	4350	0.39	ng	0.00
31) Terphenyl-d14	19.432	244	3948	0.40	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.925	88	968	0.73	ng	# 76
3) n-Nitrosodimethylamine	3.207	42	145	0.07	ng	# 12
20) 4,6-Dinitro-2-methylph...	15.285	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.021	248	102	0.15	ng	# 67
23) Atrazine	16.021	200	206	0.10	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.921	149	1171	Below	Cal	97

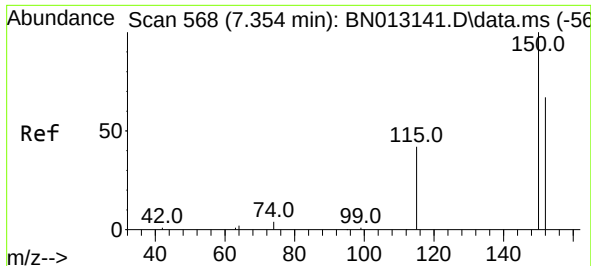
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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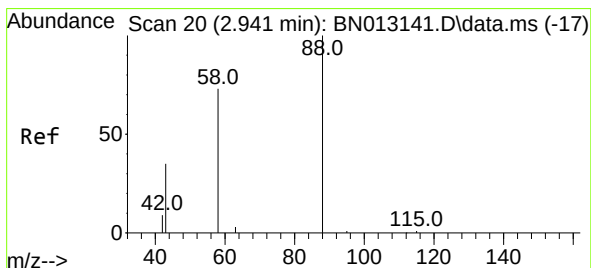
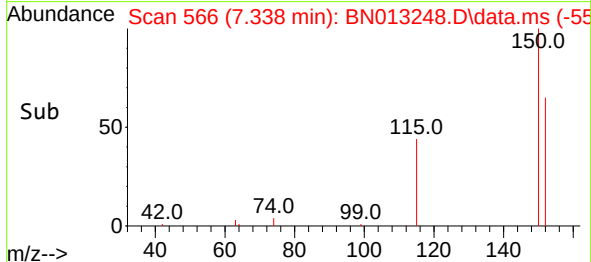
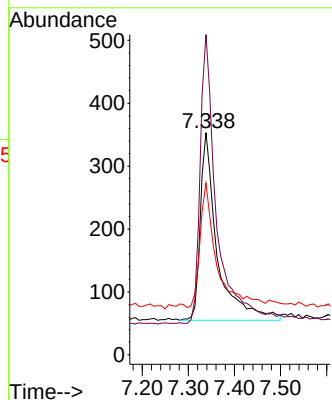
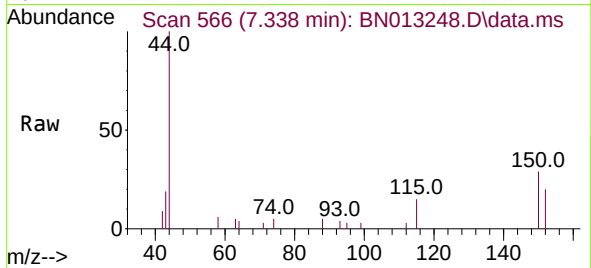




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. -0.008 min
Lab File: BN013248.D
Acq: 21 Dec 2020 22:17

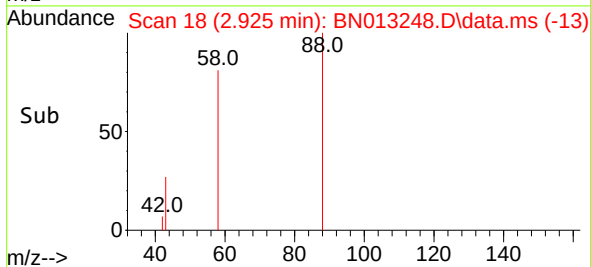
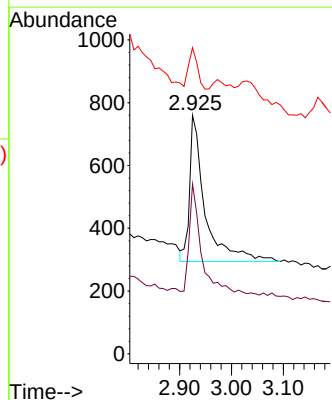
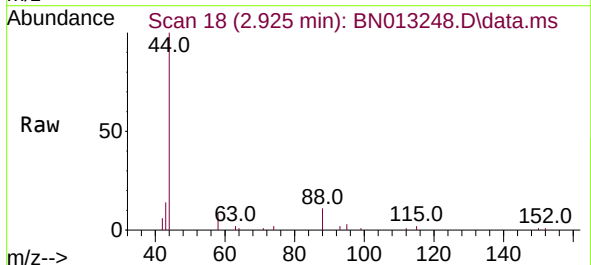
Instrument :
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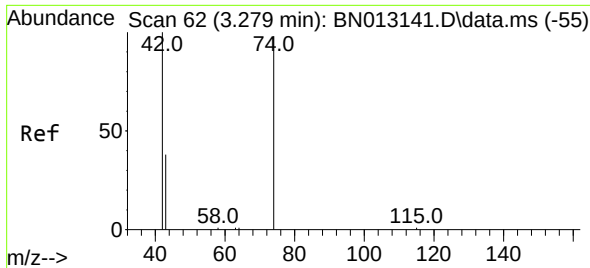
Tgt Ion:152 Resp: 765
Ion Ratio Lower Upper
152 100
150 144.2 116.6 174.8
115 77.3 52.9 79.3



#2
1,4-Dioxane
Concen: 0.73 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.008 min
Lab File: BN013248.D
Acq: 21 Dec 2020 22:17

Tgt Ion: 88 Resp: 968
Ion Ratio Lower Upper
88 100
58 62.0 59.4 89.2
43 15.5 32.3 48.5#

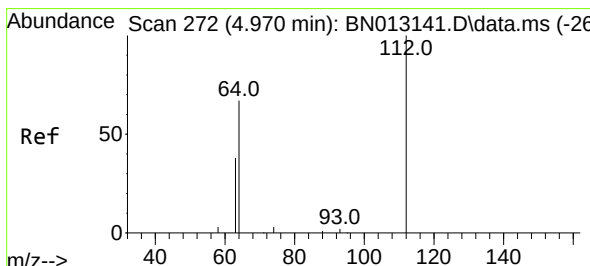
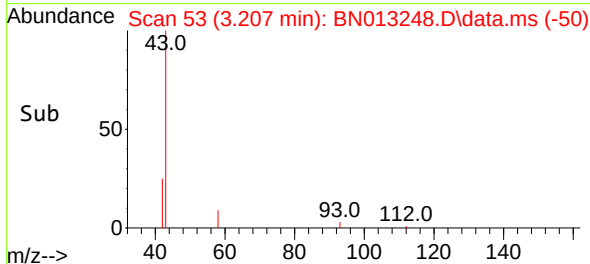
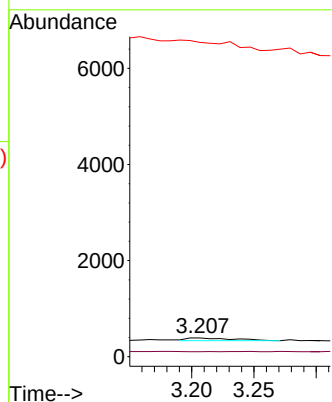
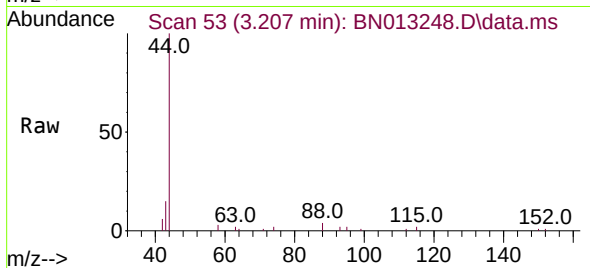




#3
n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 3.207 min Scan# 53
Delta R.T. -0.072 min
Lab File: BN013248.D
Acq: 21 Dec 2020 22:17

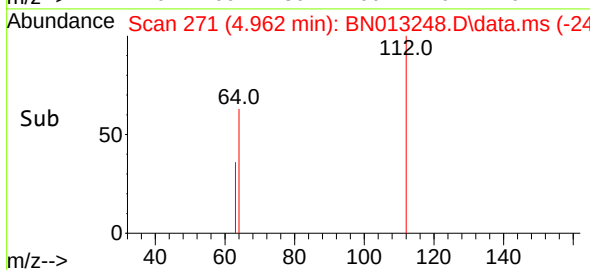
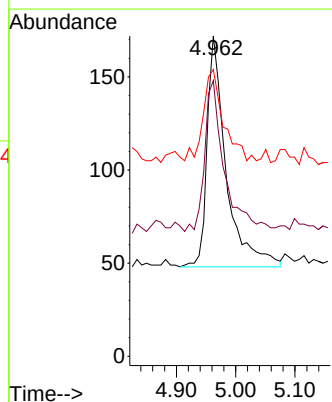
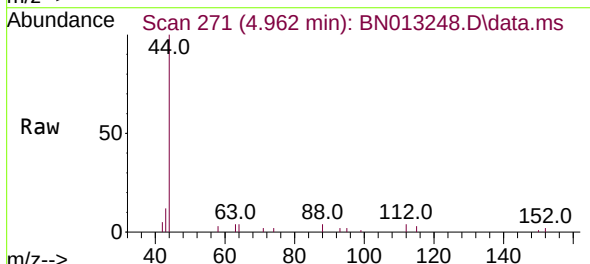
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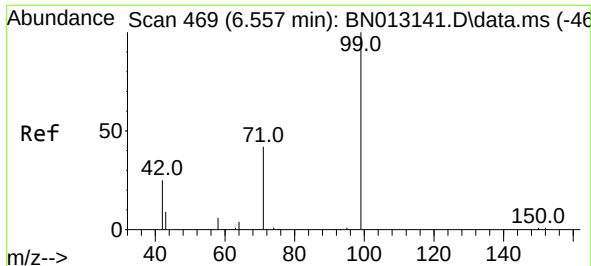
Tgt Ion: 42 Resp: 145
Ion Ratio Lower Upper
42 100
74 0.0 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.000 min
Lab File: BN013248.D
Acq: 21 Dec 2020 22:17

Tgt Ion: 112 Resp: 277
Ion Ratio Lower Upper
112 100
64 67.9 49.5 74.3
63 41.5 32.0 48.0

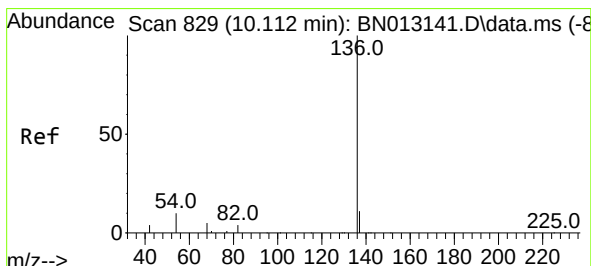
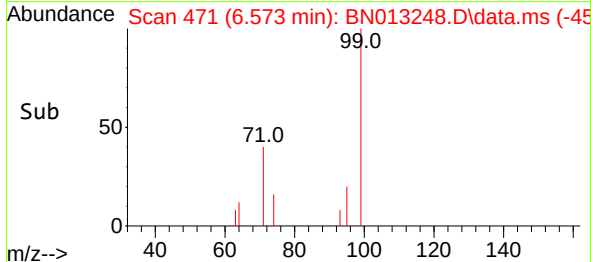
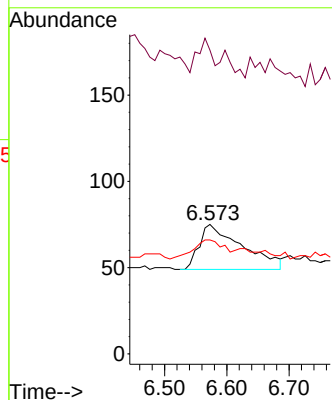
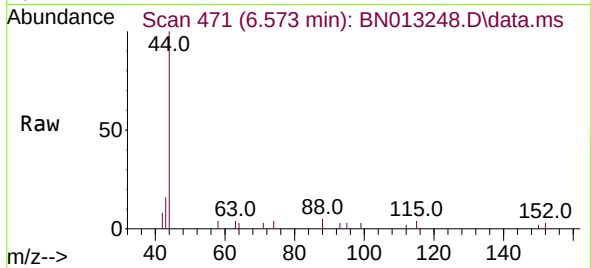




#5
Phenol-d6
Concen: 0.04 ng
RT: 6.573 min Scan# 471
Delta R.T. 0.024 min
Lab File: BN013248.D
Acq: 21 Dec 2020 22:17

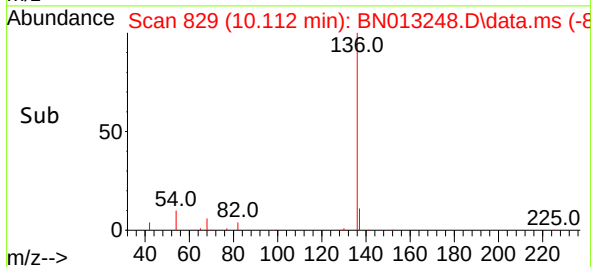
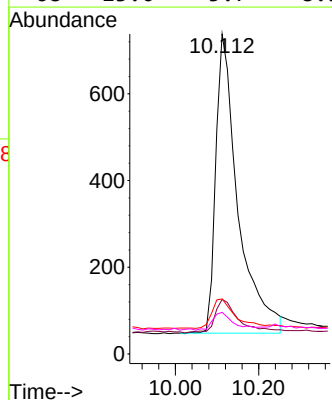
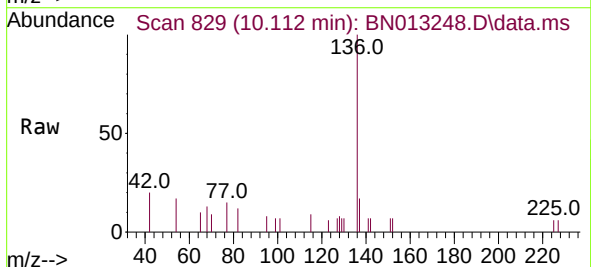
Instrument :
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ClientSampleId :
MW203D2-20201213

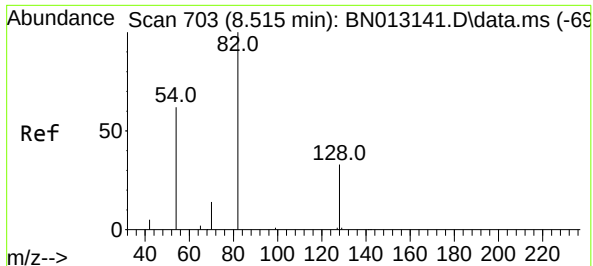
Tgt Ion: 99 Resp: 124
Ion Ratio Lower Upper
99 100
42 23.4 22.4 33.6
71 31.5 37.8 56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.000 min
Lab File: BN013248.D
Acq: 21 Dec 2020 22:17

Tgt Ion: 136 Resp: 2545
Ion Ratio Lower Upper
136 100
137 17.1 10.6 15.8#
54 17.2 8.6 12.8#
68 13.0 5.7 8.5#

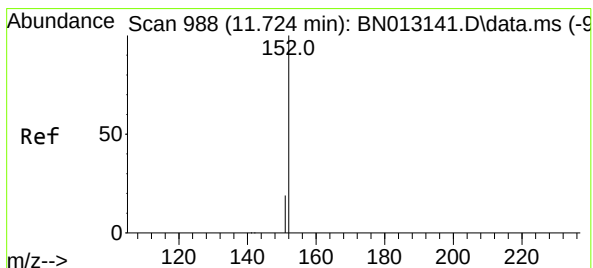
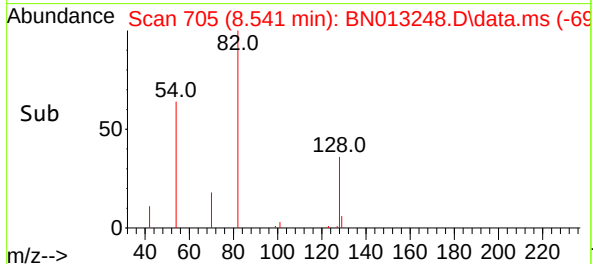
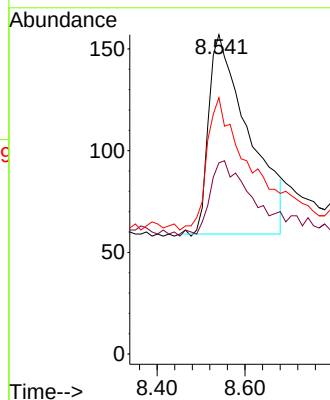
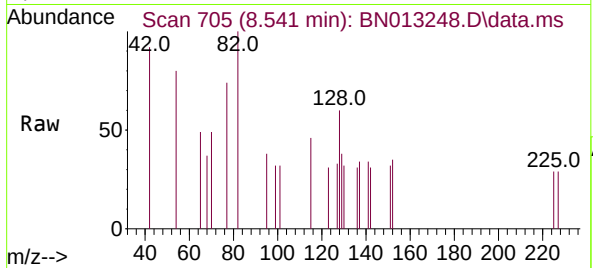




#8
Nitrobenzene-d5
Concen: 0.24 ng
RT: 8.541 min Scan# 705
Delta R.T. 0.013 min
Lab File: BN013248.D
Acq: 21 Dec 2020 22:17

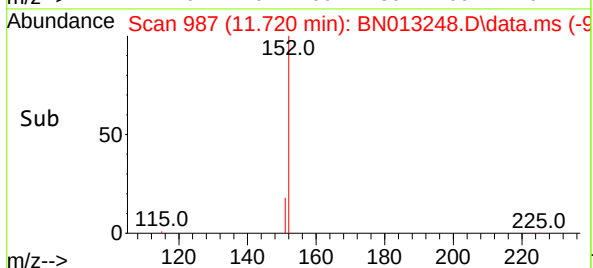
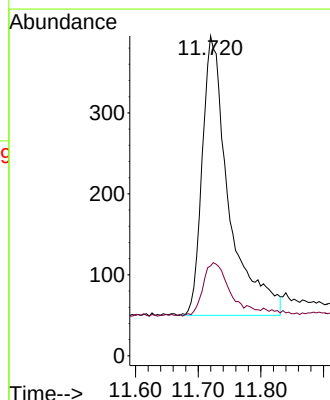
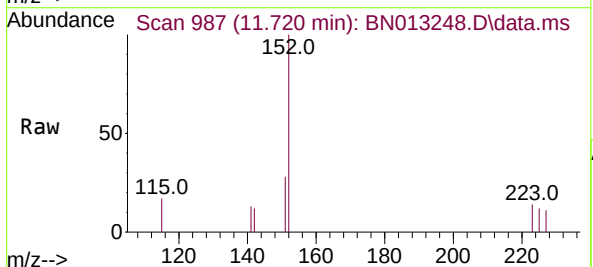
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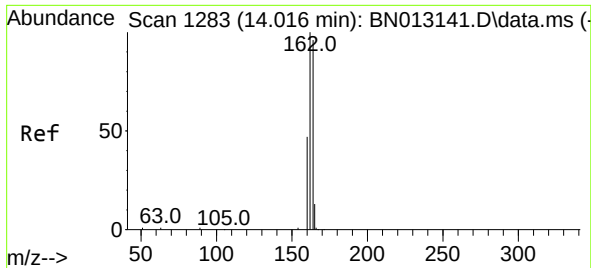
Tgt Ion: 82 Resp: 619
Ion Ratio Lower Upper
82 100
128 59.9 30.6 46.0#
54 80.3 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 11.720 min Scan# 987
Delta R.T. -0.004 min
Lab File: BN013248.D
Acq: 21 Dec 2020 22:17

Tgt Ion: 152 Resp: 1018
Ion Ratio Lower Upper
152 100
151 19.6 16.7 25.1

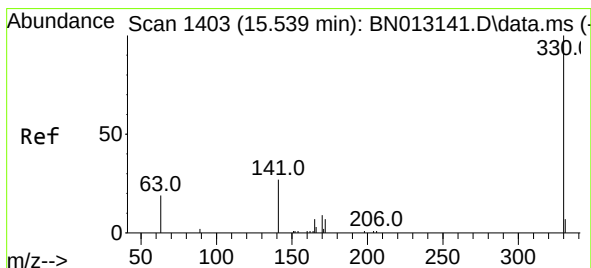
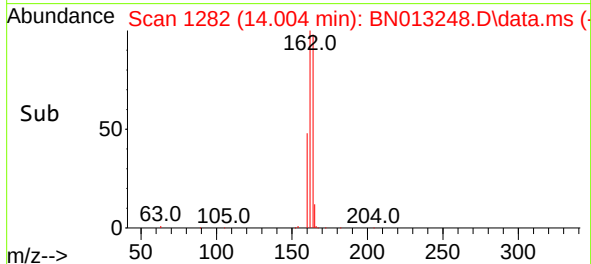
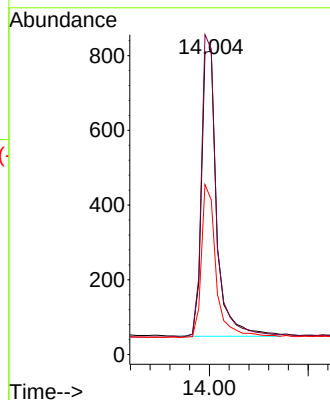
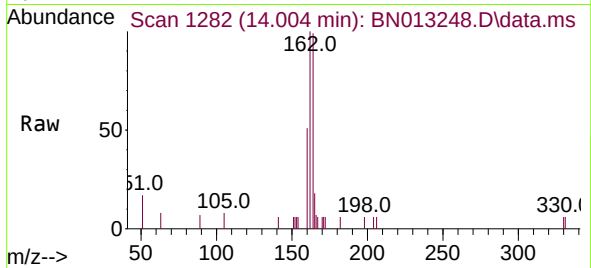




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.004 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BN013248.D
Acq: 21 Dec 2020 22:17

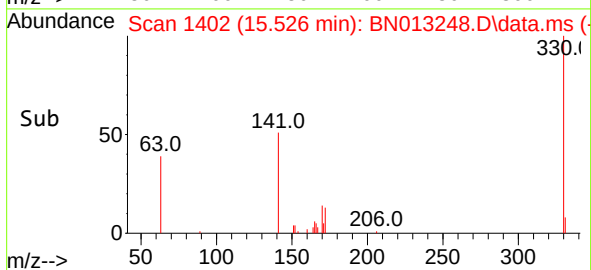
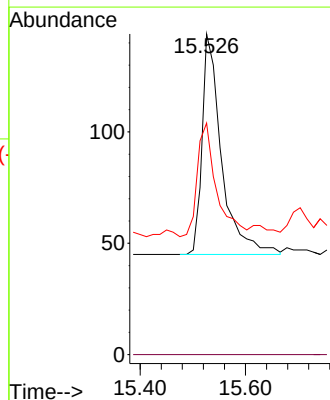
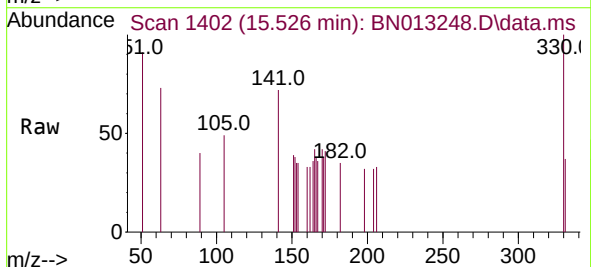
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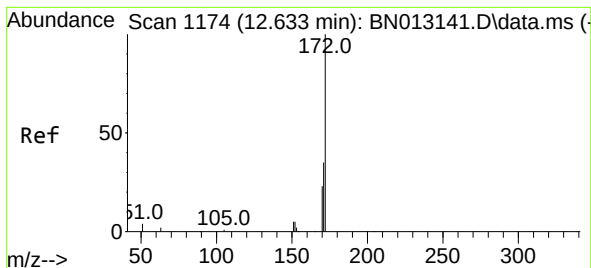
Tgt Ion:164 Resp: 1650
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 51.0 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.526 min Scan# 1402
Delta R.T. -0.013 min
Lab File: BN013248.D
Acq: 21 Dec 2020 22:17

Tgt Ion:330 Resp: 254
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 50.8 34.4 51.6

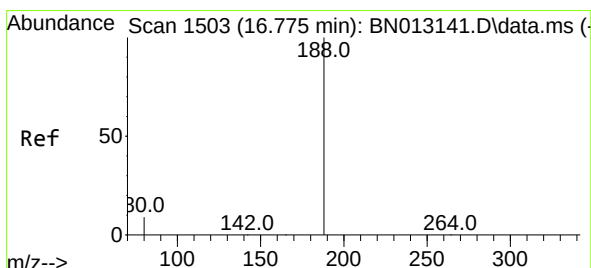
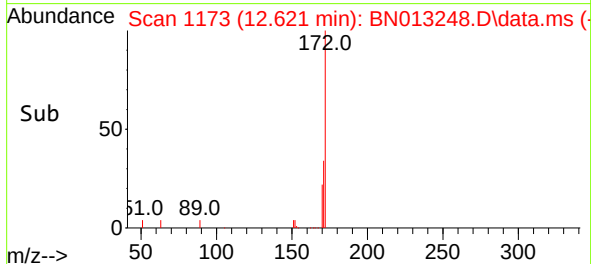
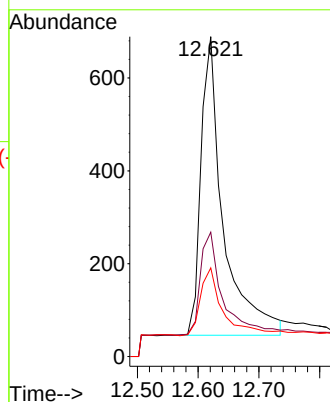
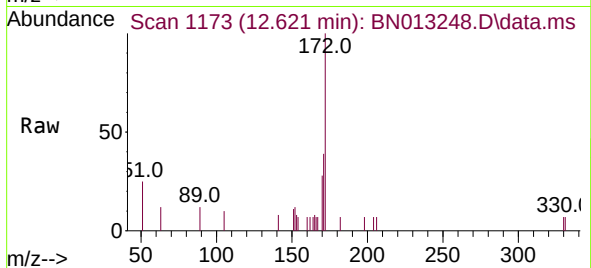




#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.621 min Scan# 1173
Delta R.T. -0.013 min
Lab File: BN013248.D
Acq: 21 Dec 2020 22:17

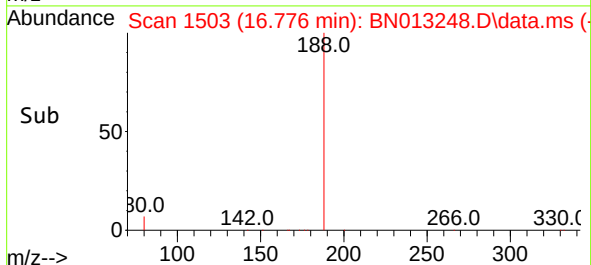
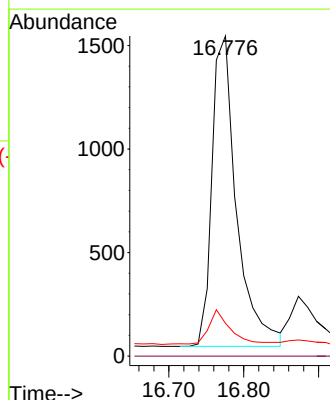
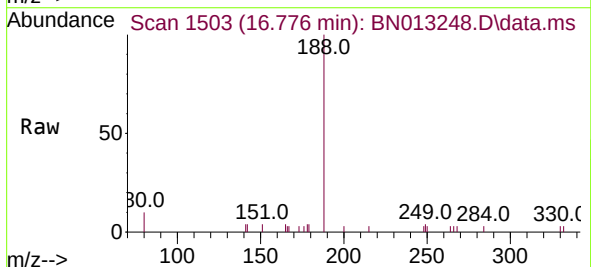
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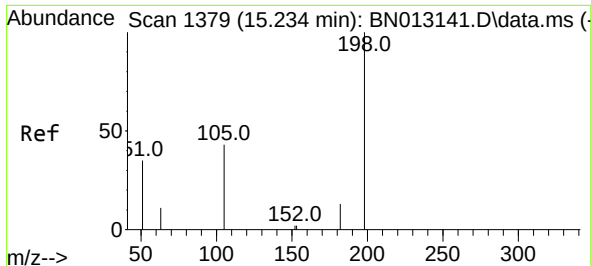
Tgt Ion:	172	Resp:	1646
Ion	Ratio	Lower	Upper
172	100		
171	38.9	28.2	42.4
170	27.7	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.776 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN013248.D
Acq: 21 Dec 2020 22:17

Tgt Ion:	188	Resp:	3415
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	5.0	7.4#

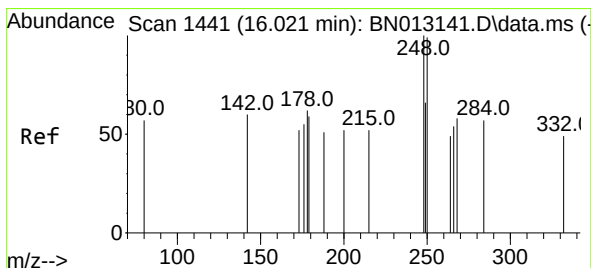
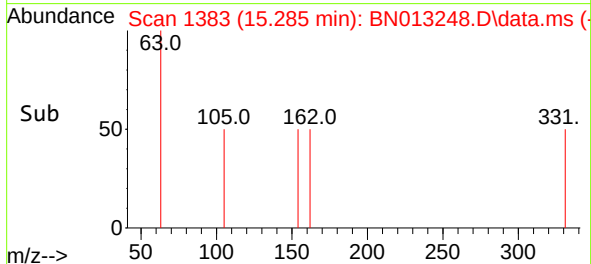
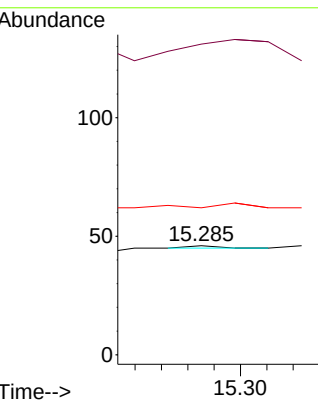
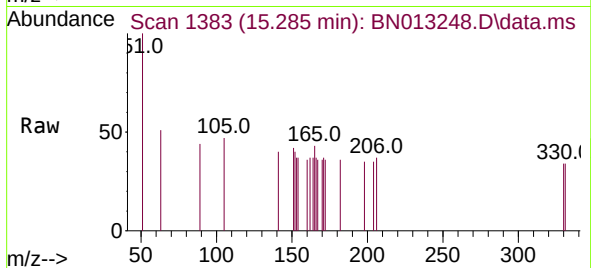




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.285 min Scan# 1383
Delta R.T. 0.025 min
Lab File: BN013248.D
Acq: 21 Dec 2020 22:17

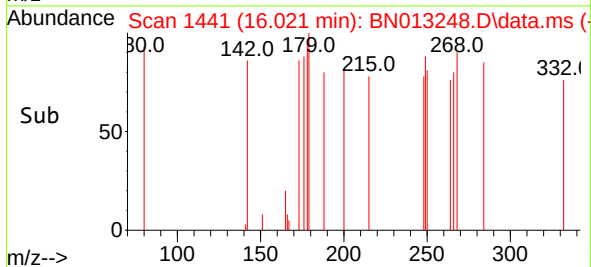
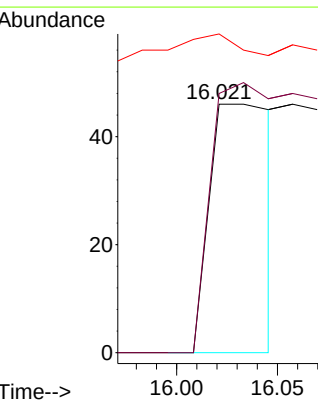
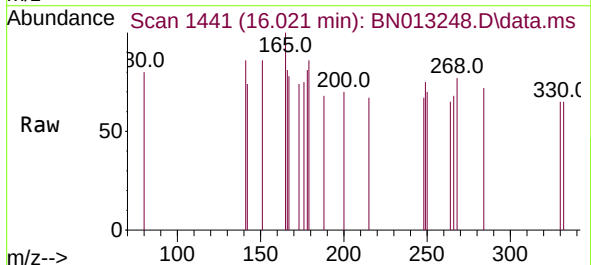
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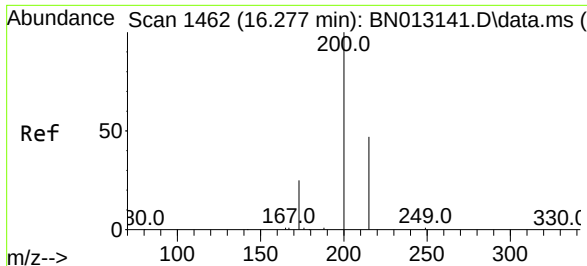
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 284.8 43.5 65.3#
105 134.8 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.15 ng
RT: 16.021 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BN013248.D
Acq: 21 Dec 2020 22:17

Tgt Ion:248 Resp: 102
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 128.3 57.8 86.8#

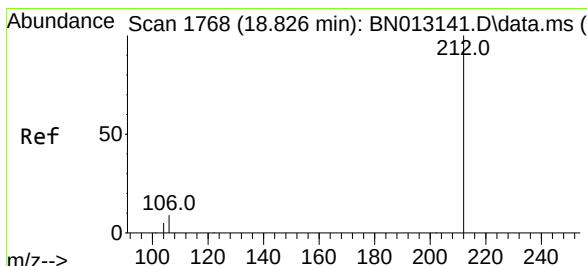
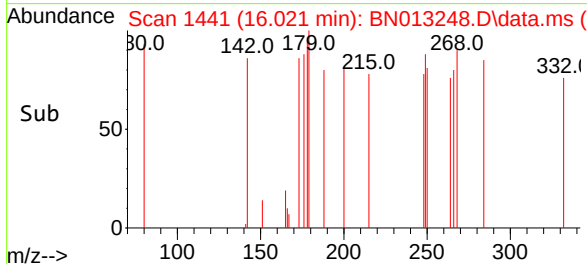
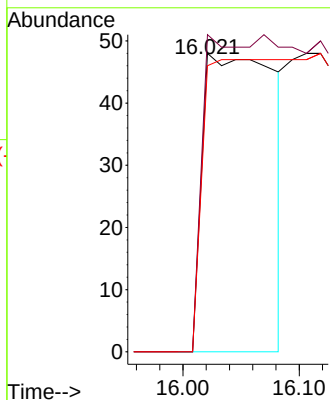
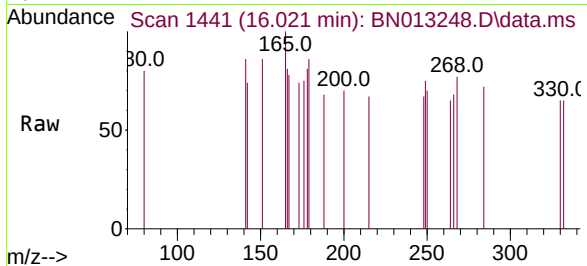




#23
Atrazine
Concen: 0.10 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.255 min
Lab File: BN013248.D
Acq: 21 Dec 2020 22:17

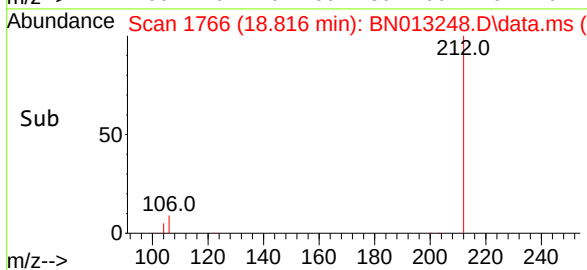
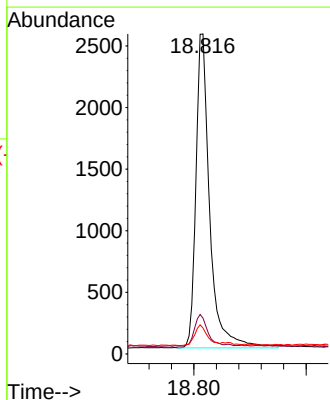
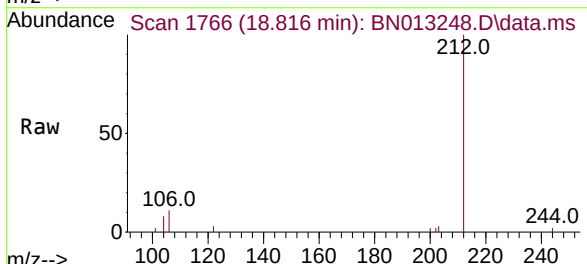
Instrument :
BNA_N
ClientSampleId :
MW203D2-20201213

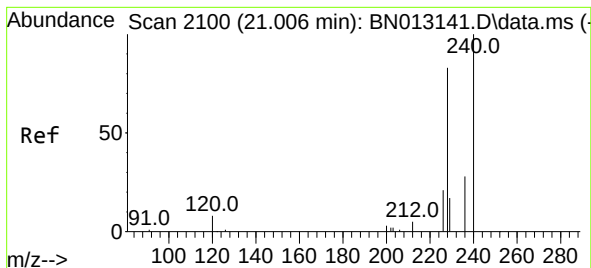
Tgt Ion:200 Resp: 206
Ion Ratio Lower Upper
200 100
173 106.3 22.8 34.2#
215 95.8 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 18.816 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BN013248.D
Acq: 21 Dec 2020 22:17

Tgt Ion:212 Resp: 4350
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: BN013248.D

Acq: 21 Dec 2020 22:17

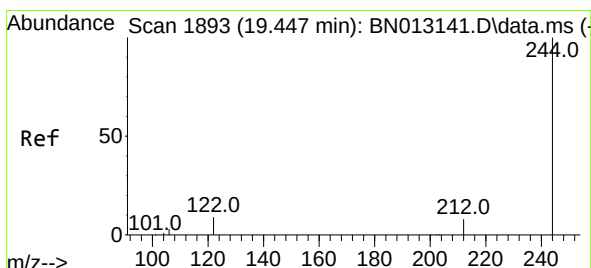
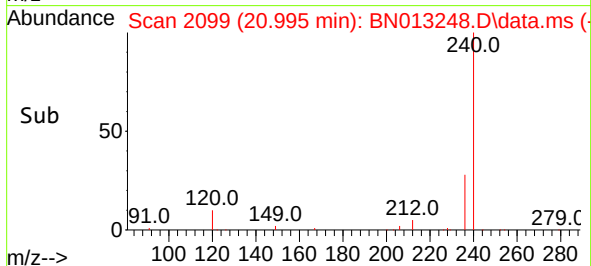
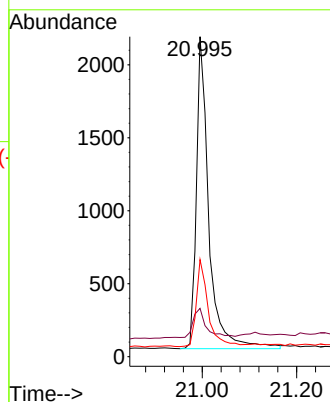
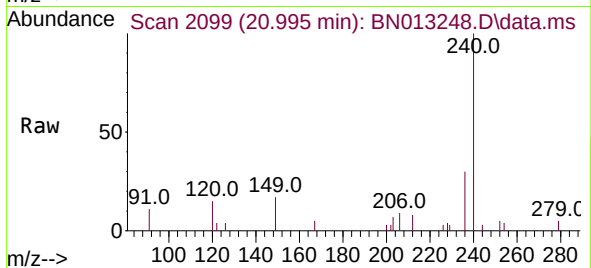
Tgt Ion:	240	Resp:	3904
Ion Ratio	Lower	Upper	
240	100		
120	15.1	5.3	7.9#
236	30.3	21.8	32.8

Instrument :

BNA_N

ClientSampleId :

MW203D2-20201213



#31

Terphenyl-d14

Concen: 0.40 ng

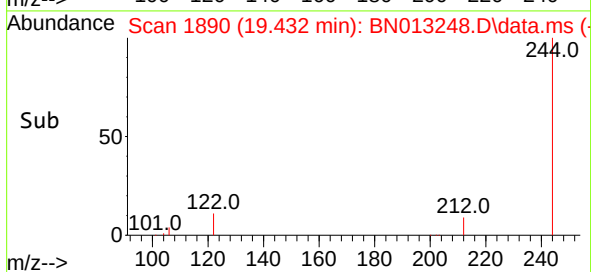
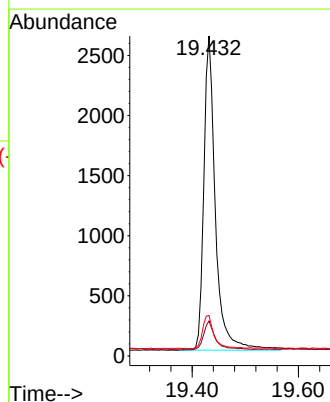
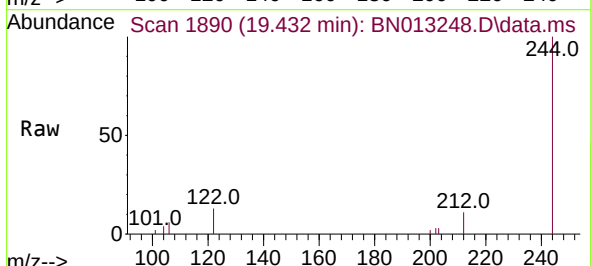
RT: 19.432 min Scan# 1890

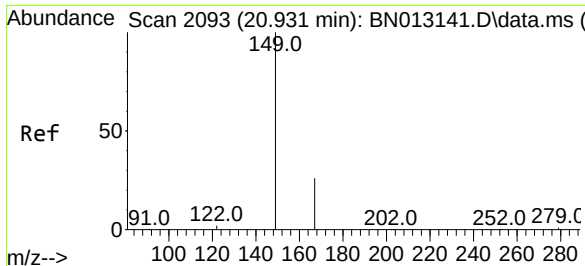
Delta R.T. -0.015 min

Lab File: BN013248.D

Acq: 21 Dec 2020 22:17

Tgt Ion:	244	Resp:	3948
Ion Ratio	Lower	Upper	
244	100		
212	11.0	7.3	10.9#
122	12.7	7.3	10.9#

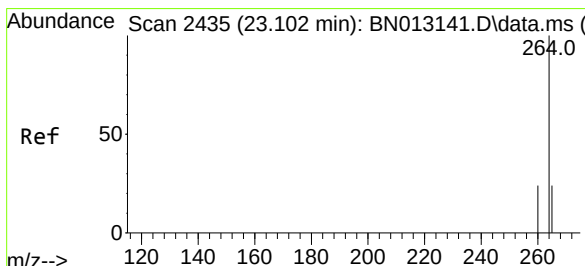
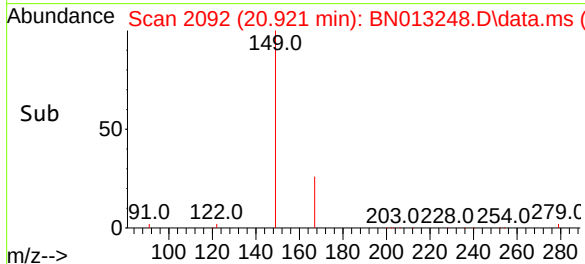
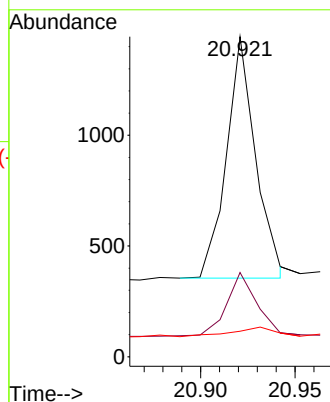
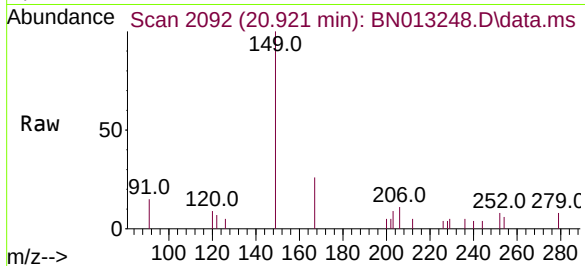




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.921 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BN013248.D
Acq: 21 Dec 2020 22:17

Instrument :
BNA_N
ClientSampleId :
MW203D2-20201213

Tgt Ion:	149	Resp:	1171
Ion Ratio	Lower	Upper	
149	100		
167	27.5	23.2	34.8
279	5.6	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: BN013248.D
Acq: 21 Dec 2020 22:17

Tgt Ion:	264	Resp:	4446
Ion Ratio	Lower	Upper	
264	100		
260	26.8	19.8	29.6
265	72.9	51.4	77.0

