

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013249.D
 Acq On : 21 Dec 2020 22:53
 Operator : CG/JU
 Sample : L5123-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW203D1-20201213

Quant Time: Dec 22 01:06:42 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)

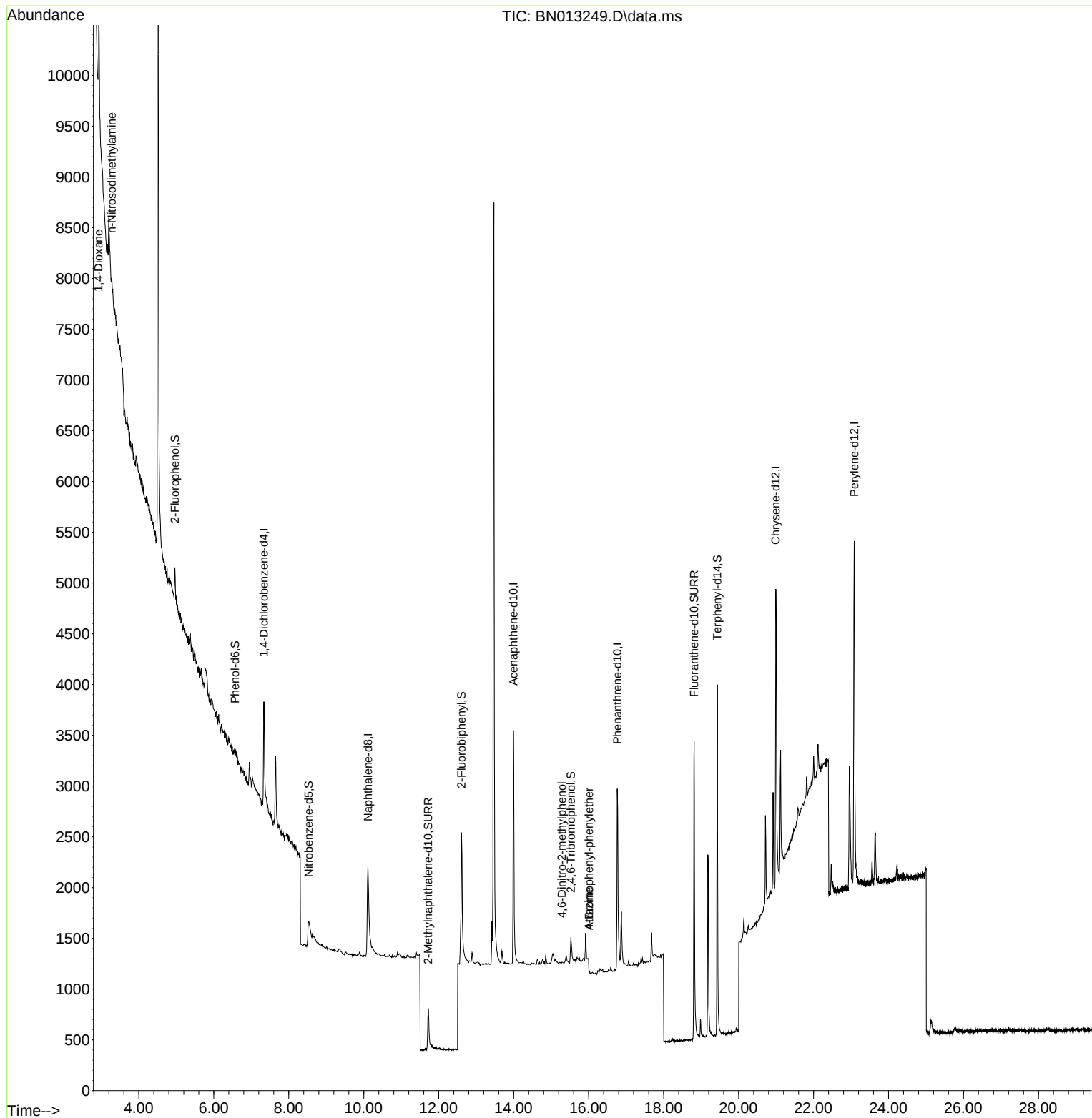
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	738	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2290	0.40	ng	# 0.00
13) Acenaphthene-d10	13.991	164	1584	0.40	ng	-0.01
19) Phenanthrene-d10	16.763	188	3352	0.40	ng	#-0.01
29) Chrysene-d12	20.992	240	3916	0.40	ng	#-0.01
36) Perylene-d12	23.086	264	4640	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	273	0.09	ng	0.00
5) Phenol-d6	6.565	99	141	0.05	ng	0.02
8) Nitrobenzene-d5	8.528	82	624	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	11.719	152	902	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.526	330	267	0.27	ng	-0.01
15) 2-Fluorobiphenyl	12.608	172	1606	0.24	ng	-0.03
27) Fluoranthene-d10	18.813	212	4132	0.37	ng	0.00
31) Terphenyl-d14	19.429	244	4006	0.40	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	2.924	88	2366	1.84	ng	Qvalue 96
3) n-Nitrosodimethylamine	3.279	42	59	0.03	ng	# 16
20) 4,6-Dinitro-2-methylph...	15.285	198	2	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	67	0.10	ng	# 75
23) Atrazine	16.008	200	173	0.09	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.918	149	891	Below	Cal	94

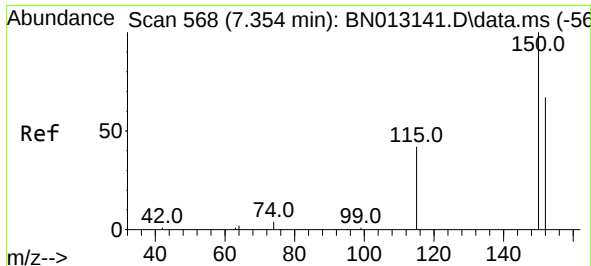
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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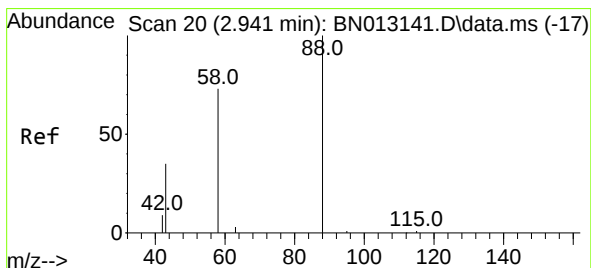
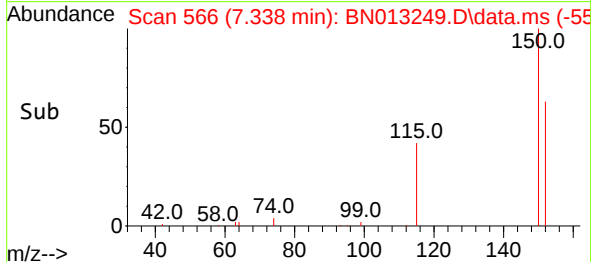
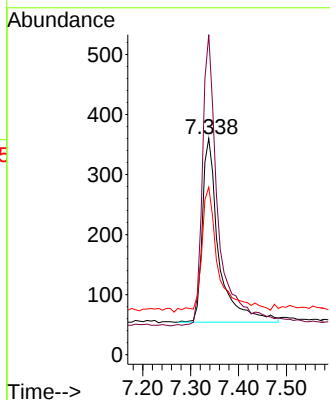
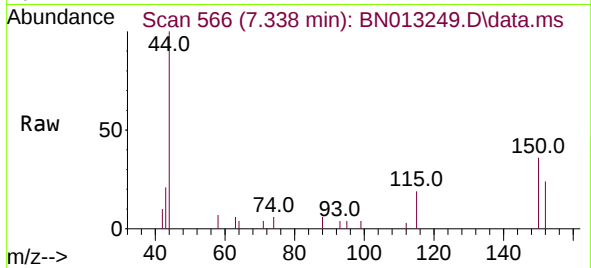




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.338 min Scan# 566
 Delta R.T. -0.008 min
 Lab File: BN013249.D
 Acq: 21 Dec 2020 22:53

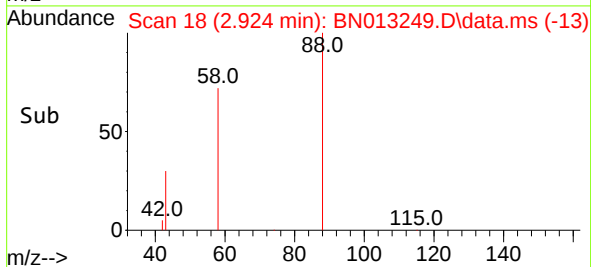
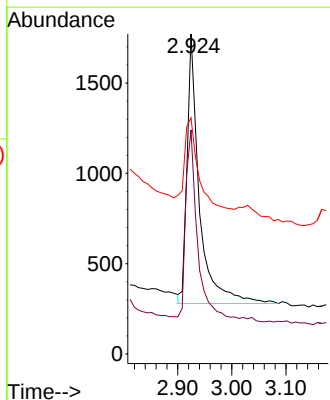
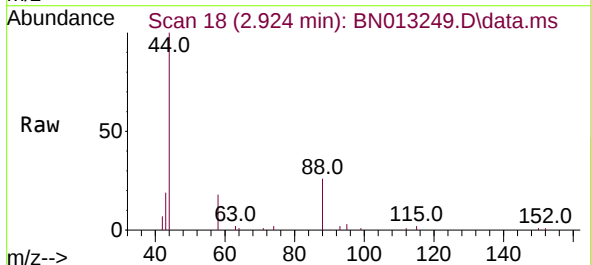
Instrument :
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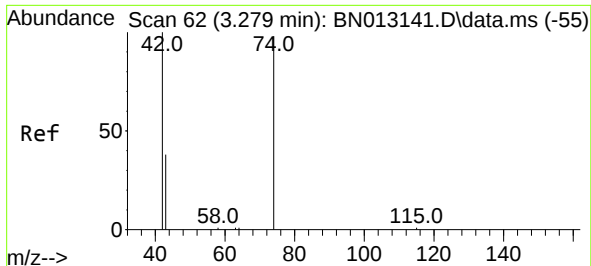
Tgt Ion:152 Resp: 738
 Ion Ratio Lower Upper
 152 100
 150 148.1 116.6 174.8
 115 77.5 52.9 79.3



#2
 1,4-Dioxane
 Concen: 1.84 ng
 RT: 2.924 min Scan# 18
 Delta R.T. -0.008 min
 Lab File: BN013249.D
 Acq: 21 Dec 2020 22:53

Tgt Ion: 88 Resp: 2366
 Ion Ratio Lower Upper
 88 100
 58 71.3 59.4 89.2
 43 37.7 32.3 48.5

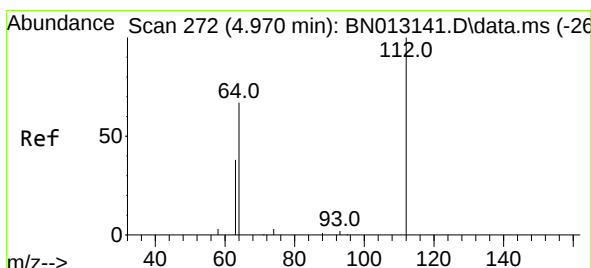
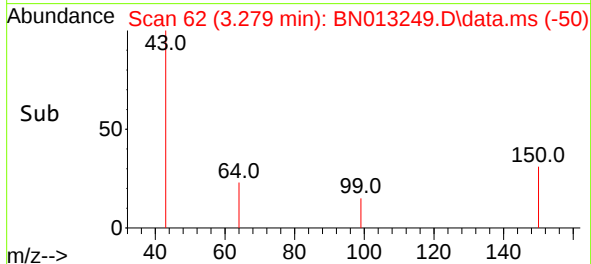
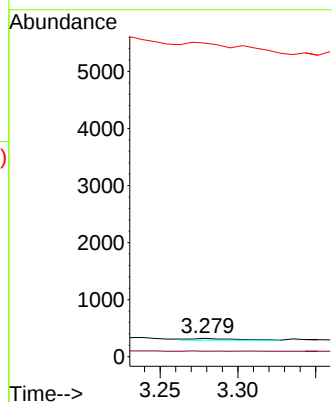
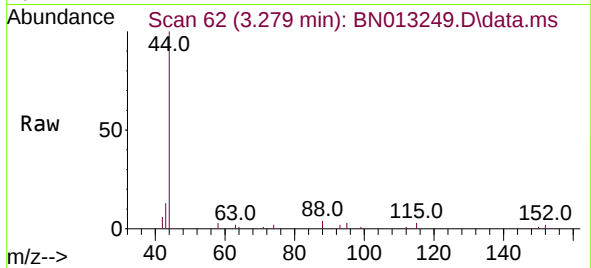




#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.279 min Scan# 62
Delta R.T. -0.000 min
Lab File: BN013249.D
Acq: 21 Dec 2020 22:53

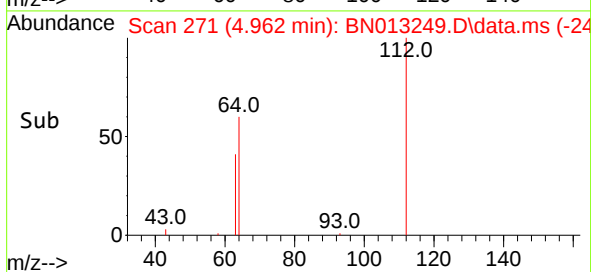
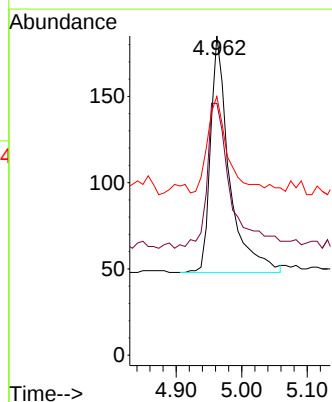
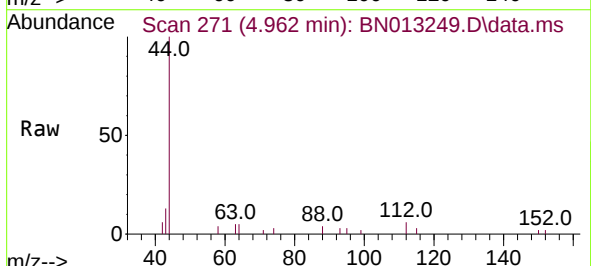
Instrument :
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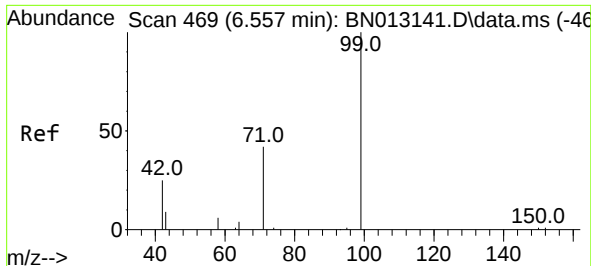
Tgt Ion: 42 Resp: 59
Ion Ratio Lower Upper
42 100
74 3.4 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.962 min Scan# 271
Delta R.T. -0.000 min
Lab File: BN013249.D
Acq: 21 Dec 2020 22:53

Tgt Ion: 112 Resp: 273
Ion Ratio Lower Upper
112 100
64 80.2 49.5 74.3#
63 46.2 32.0 48.0

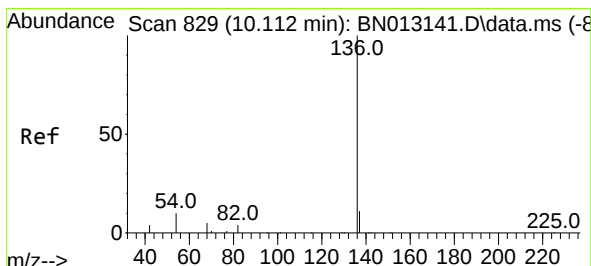
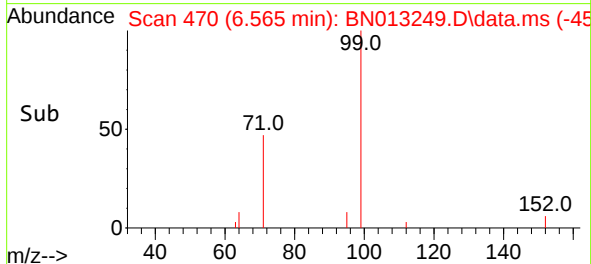
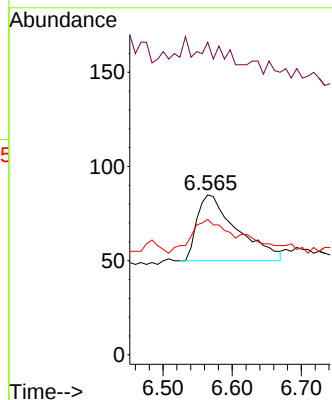
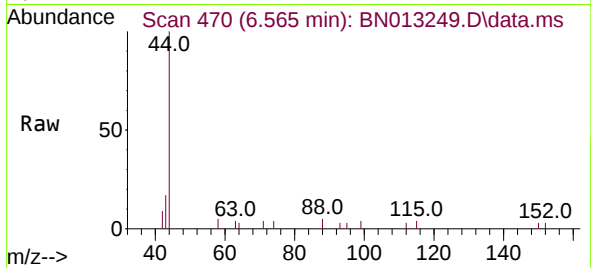




#5
Phenol-d6
Concen: 0.05 ng
RT: 6.565 min Scan# 470
Delta R.T. 0.016 min
Lab File: BN013249.D
Acq: 21 Dec 2020 22:53

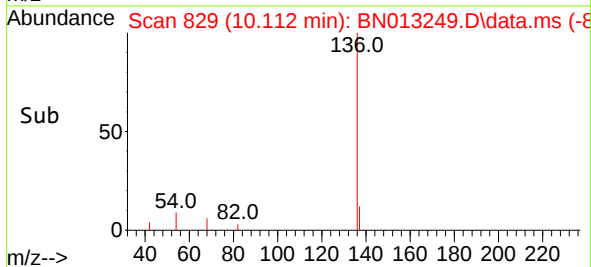
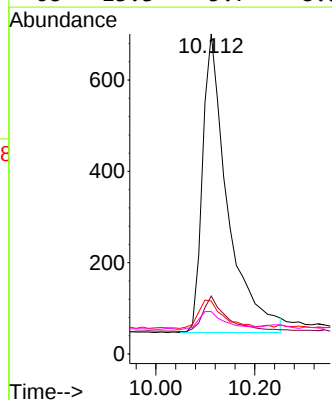
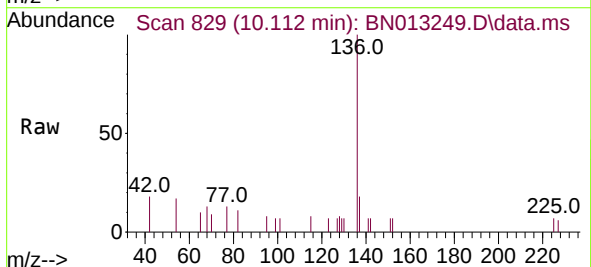
Instrument :
BNA_N
ClientSampleId :
MW203D1-20201213

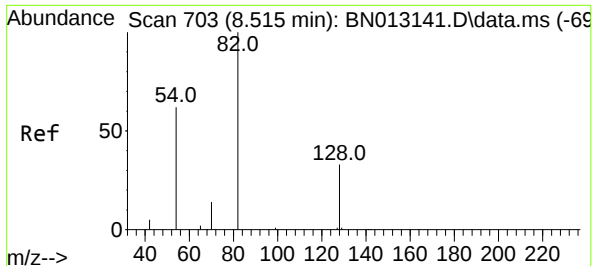
Tgt Ion: 99 Resp: 141
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 44.7 37.8 56.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. -0.000 min
Lab File: BN013249.D
Acq: 21 Dec 2020 22:53

Tgt Ion: 136 Resp: 2290
Ion Ratio Lower Upper
136 100
137 18.1 10.6 15.8#
54 16.5 8.6 12.8#
68 13.3 5.7 8.5#

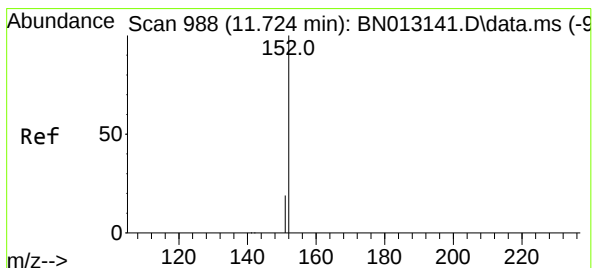
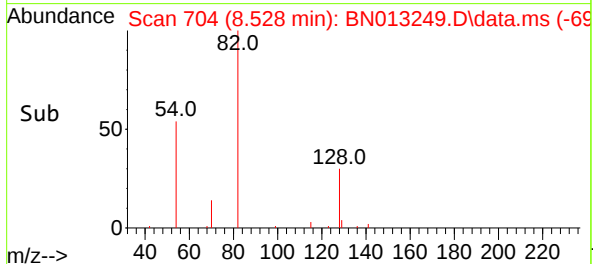
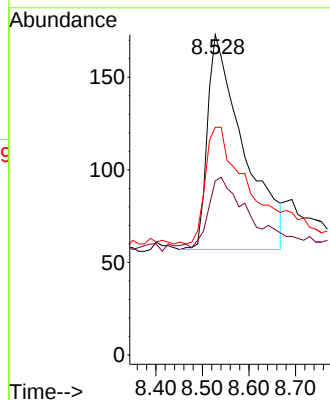
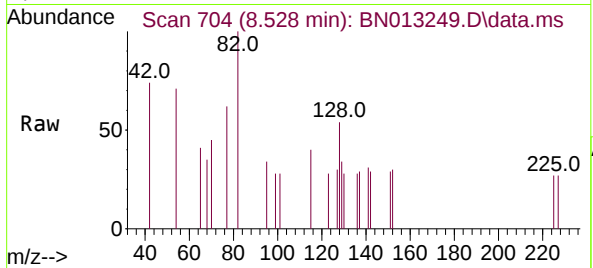




#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 8.528 min Scan# 704
Delta R.T. -0.000 min
Lab File: BN013249.D
Acq: 21 Dec 2020 22:53

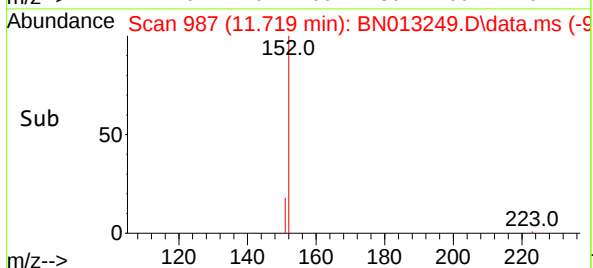
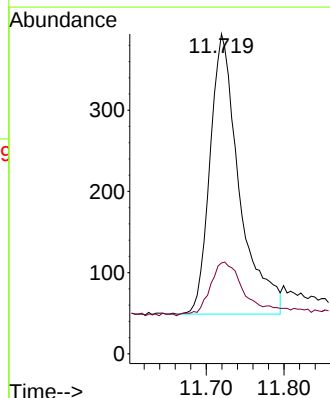
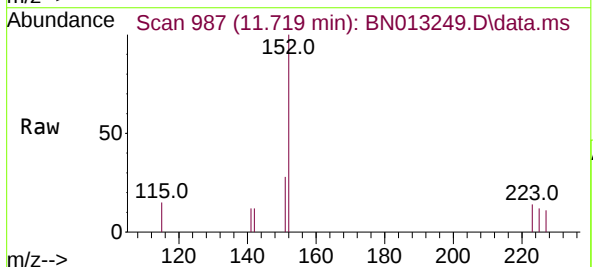
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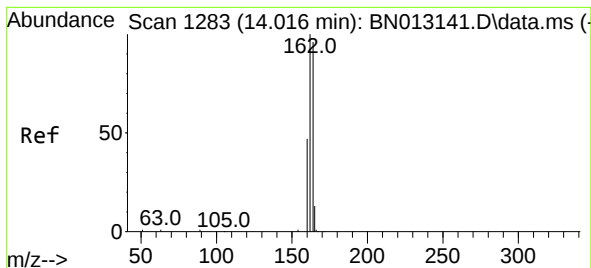
Tgt Ion:	82	Resp:	624
Ion	Ratio	Lower	Upper
82	100		
128	54.3	30.6	46.0#
54	71.1	48.3	72.5



#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 11.719 min Scan# 987
Delta R.T. -0.005 min
Lab File: BN013249.D
Acq: 21 Dec 2020 22:53

Tgt Ion:	152	Resp:	902
Ion	Ratio	Lower	Upper
152	100		
151	23.3	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: BN013249.D

Acq: 21 Dec 2020 22:53

Tgt Ion:164 Resp: 1584

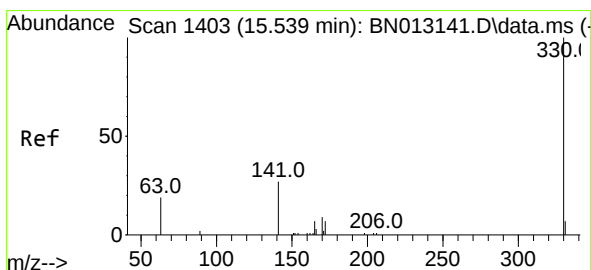
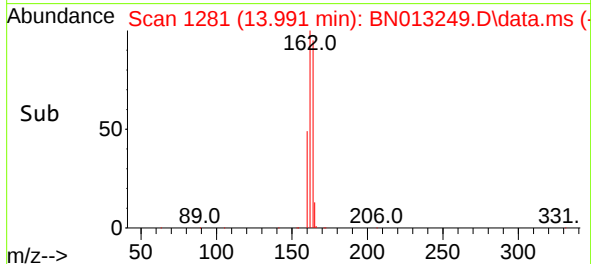
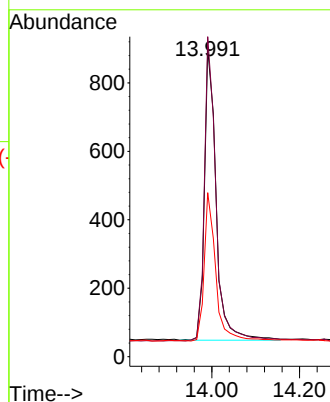
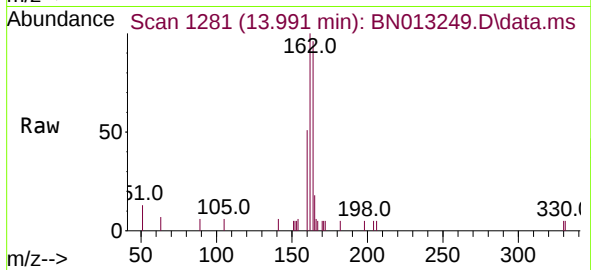
Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.6	120.8
160	53.3	39.5	59.3

Instrument :

BNA_N

ClientSampleId :

MW203D1-20201213



#14

2,4,6-Tribromophenol

Concen: 0.27 ng

RT: 15.526 min Scan# 1402

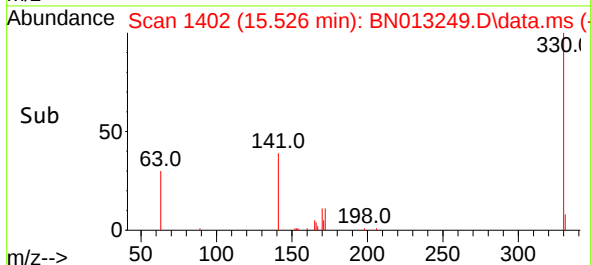
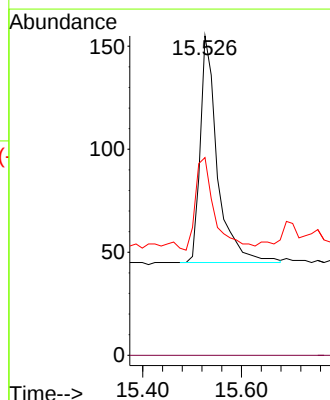
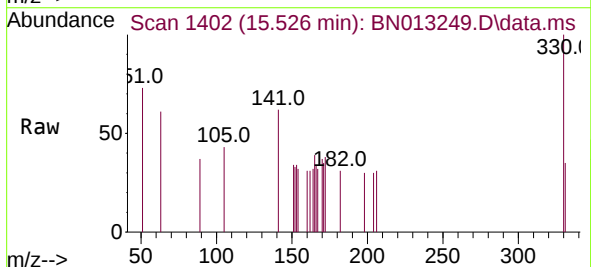
Delta R.T. -0.013 min

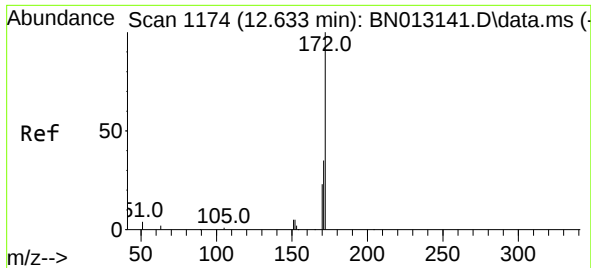
Lab File: BN013249.D

Acq: 21 Dec 2020 22:53

Tgt Ion:330 Resp: 267

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	46.1	34.4	51.6

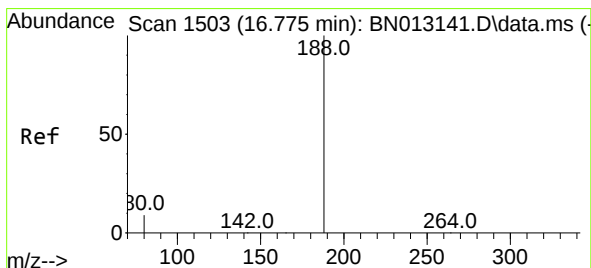
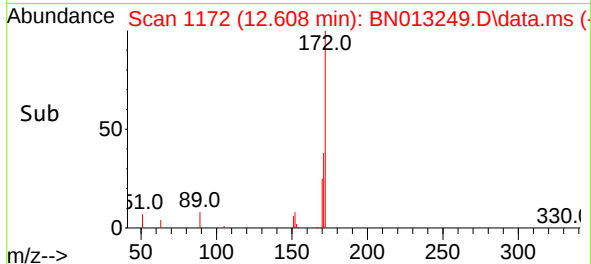
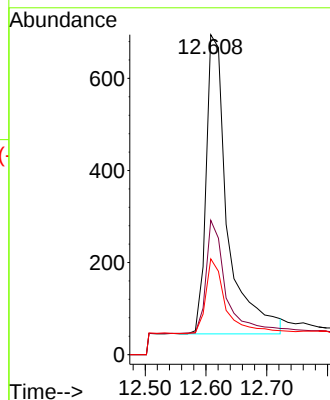
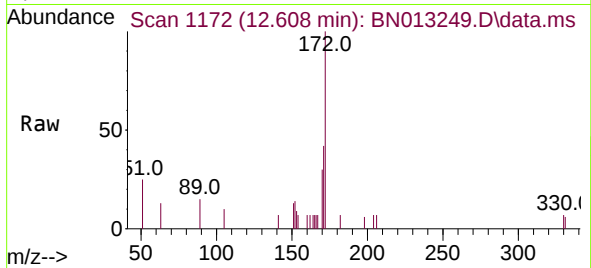




#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.608 min Scan# 1172
Delta R.T. -0.026 min
Lab File: BN013249.D
Acq: 21 Dec 2020 22:53

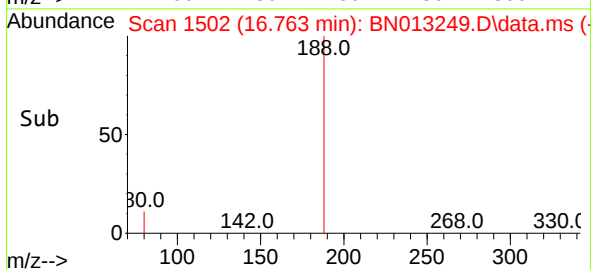
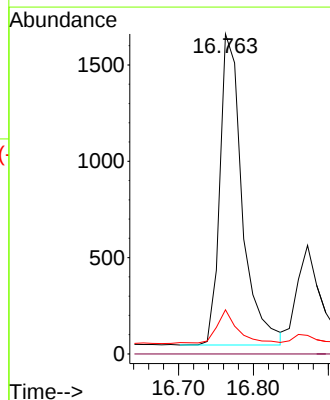
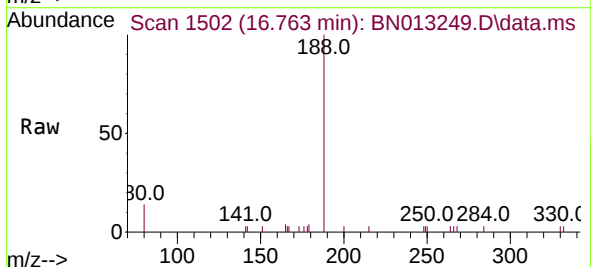
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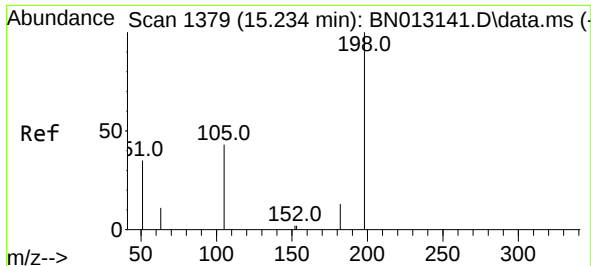
Tgt Ion:	172	Resp:	1606
Ion Ratio	Lower	Upper	
172	100		
171	42.0	28.2	42.4
170	29.9	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.763 min Scan# 1502
Delta R.T. -0.013 min
Lab File: BN013249.D
Acq: 21 Dec 2020 22:53

Tgt Ion:	188	Resp:	3352
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.8	5.0	7.4#

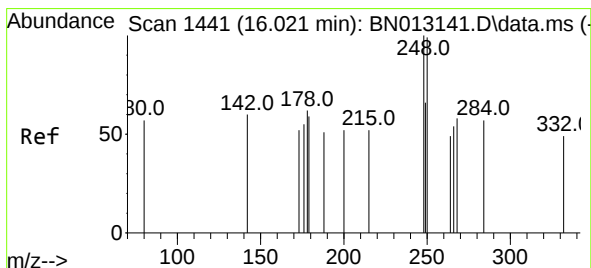
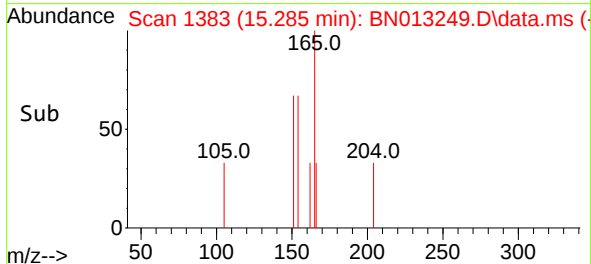
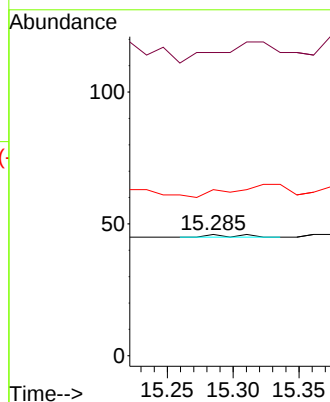
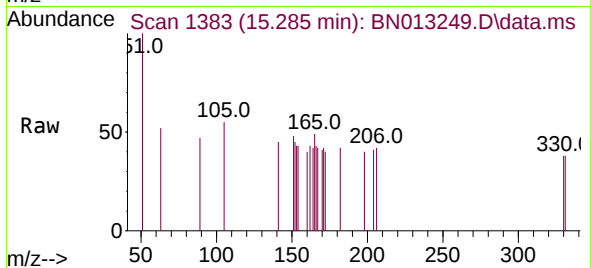




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.285 min Scan# 1383
Delta R.T. 0.025 min
Lab File: BN013249.D
Acq: 21 Dec 2020 22:53

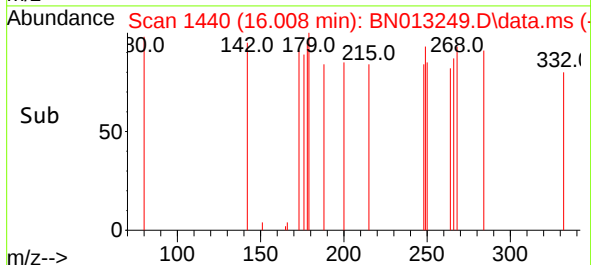
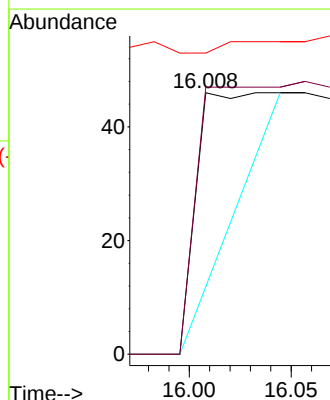
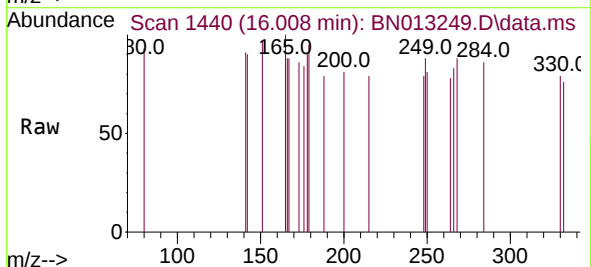
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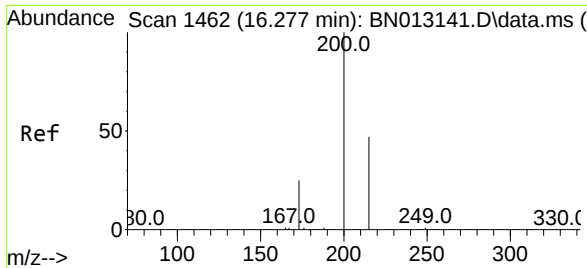
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 250.0 43.5 65.3#
105 137.0 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.10 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.013 min
Lab File: BN013249.D
Acq: 21 Dec 2020 22:53

Tgt Ion:248 Resp: 67
Ion Ratio Lower Upper
248 100
250 102.2 77.3 115.9
141 115.2 57.8 86.8#

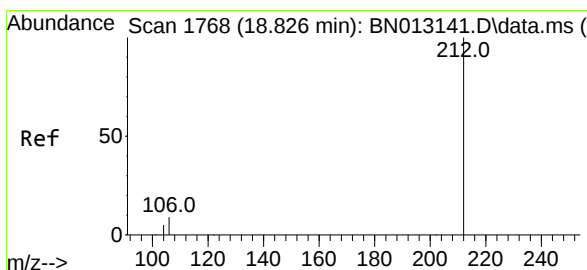
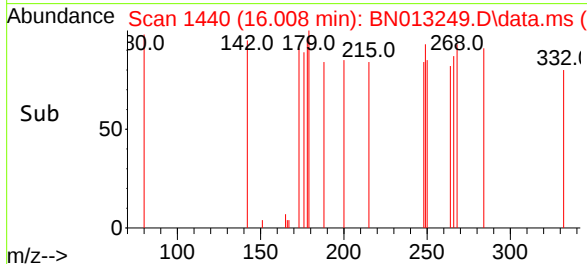
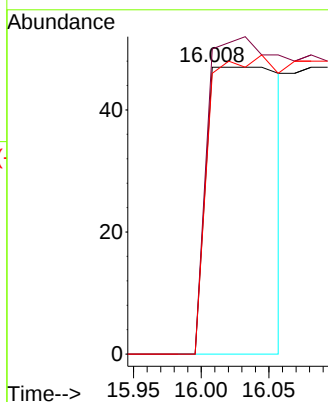
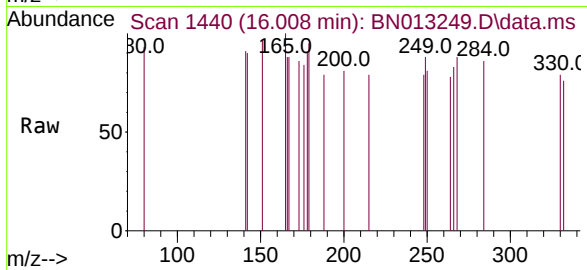




#23
Atrazine
Concen: 0.09 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.268 min
Lab File: BN013249.D
Acq: 21 Dec 2020 22:53

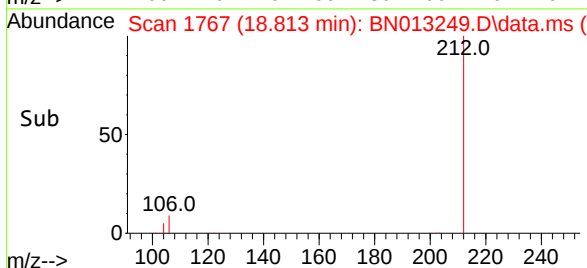
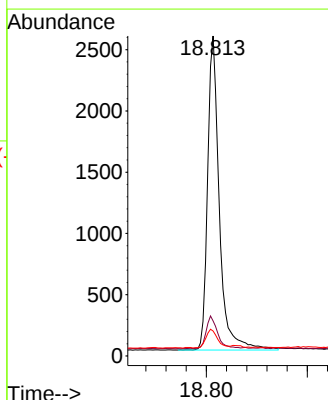
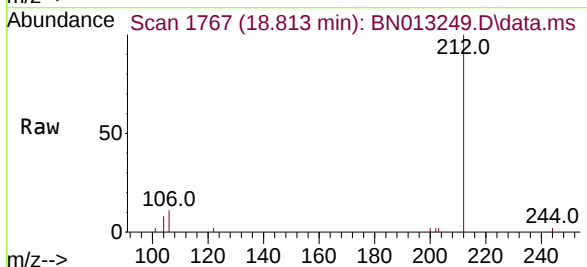
Instrument :
BNA_N
ClientSampleId :
MW203D1-20201213

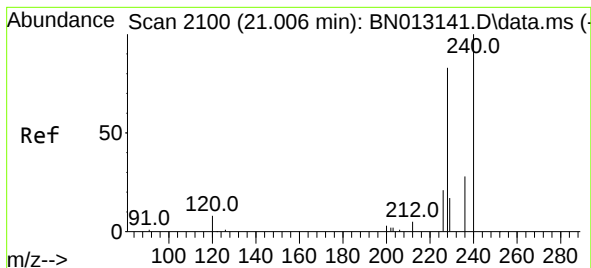
Tgt Ion:	200	Resp:	173
Ion Ratio	Lower	Upper	
200	100		
173	106.4	22.8	34.2#
215	97.9	38.1	57.1#



#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 18.813 min Scan# 1767
Delta R.T. -0.008 min
Lab File: BN013249.D
Acq: 21 Dec 2020 22:53

Tgt Ion:	212	Resp:	4132
Ion Ratio	Lower	Upper	
212	100		
106	10.3	6.8	10.2#
104	5.7	4.1	6.1





#29

Chrysene-d12

Concen: 0.40 ng

RT: 20.992 min Scan# 2100

Delta R.T. -0.014 min

Lab File: BN013249.D

Acq: 21 Dec 2020 22:53

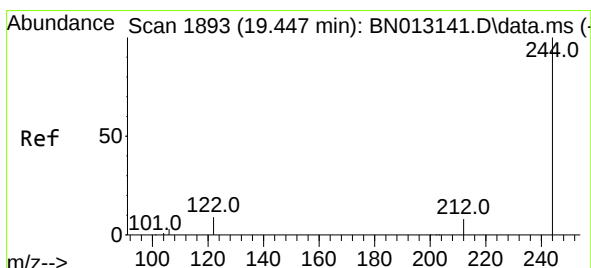
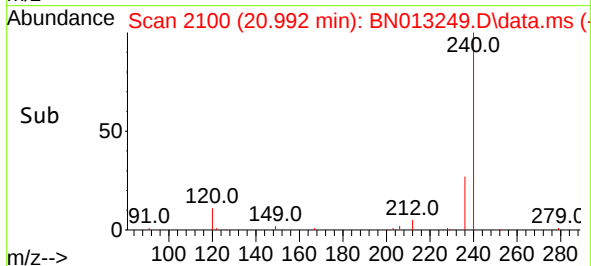
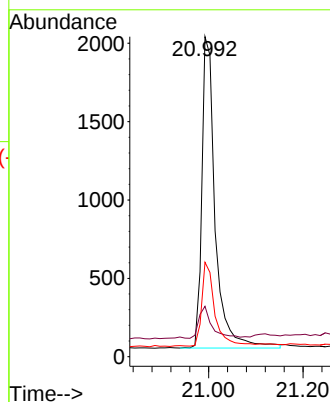
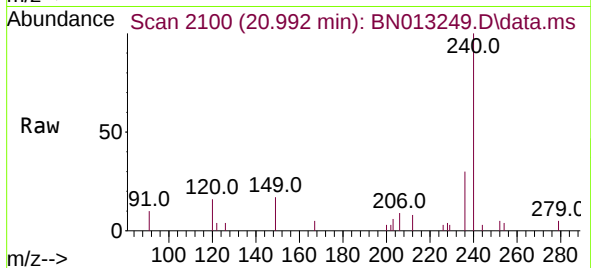
Tgt Ion:240 Resp: 3916

Ion Ratio Lower Upper

240 100

120 15.8 5.3 7.9#

236 29.5 21.8 32.8



#31

Terphenyl-d14

Concen: 0.40 ng

RT: 19.429 min Scan# 1891

Delta R.T. -0.018 min

Lab File: BN013249.D

Acq: 21 Dec 2020 22:53

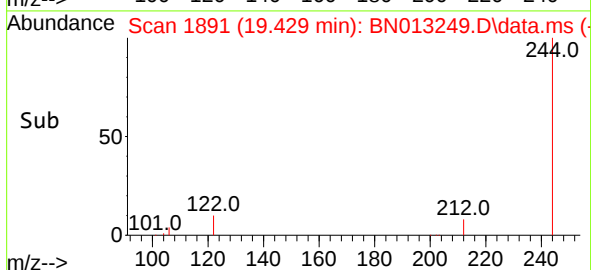
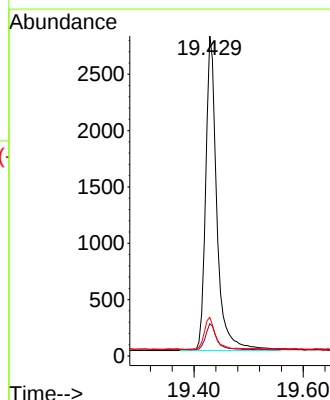
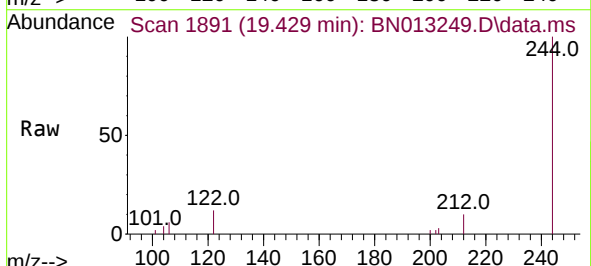
Tgt Ion:244 Resp: 4006

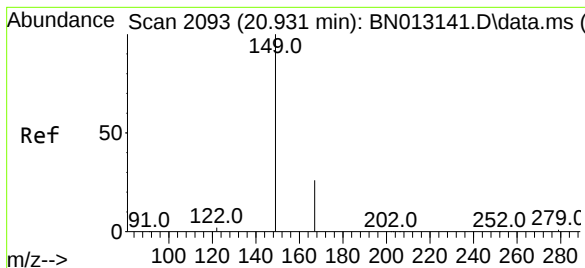
Ion Ratio Lower Upper

244 100

212 10.1 7.3 10.9

122 12.1 7.3 10.9#

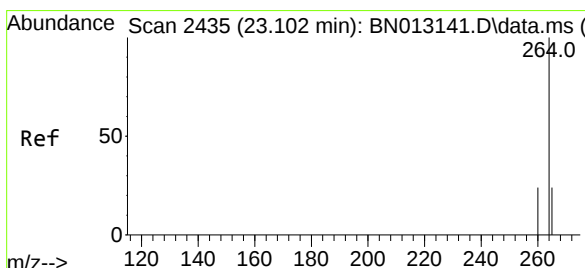
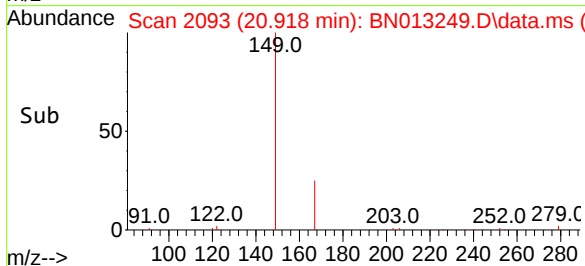
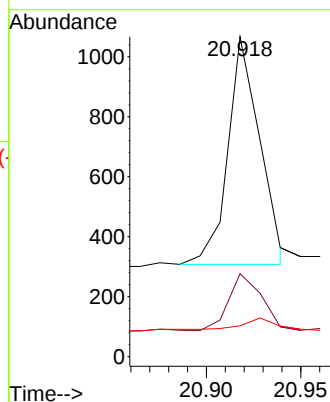
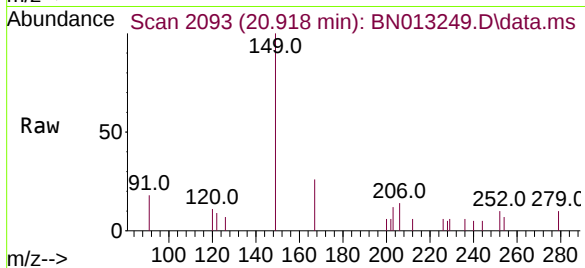




#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 20.918 min Scan# 2093
 Delta R.T. -0.003 min
 Lab File: BN013249.D
 Acq: 21 Dec 2020 22:53

Instrument :
 BNA_N
 ClientSampleId :
 MW203D1-20201213

Tgt Ion:149	Resp:	891
Ion Ratio	Lower	Upper
149	100	
167	25.6	23.2 34.8
279	4.6	3.9 5.9



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.086 min Scan# 2432
 Delta R.T. -0.010 min
 Lab File: BN013249.D
 Acq: 21 Dec 2020 22:53

Tgt Ion:264	Resp:	4640
Ion Ratio	Lower	Upper
264	100	
260	26.1	19.8 29.6
265	66.4	51.4 77.0

