

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032221\
 Data File : BN014015.D
 Acq On : 22 Mar 2021 16:31
 Operator : CG/JU
 Sample : M1736-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20210317

Quant Time: Mar 22 17:32:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 19 14:40:09 2021
 Response via : Initial Calibration

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

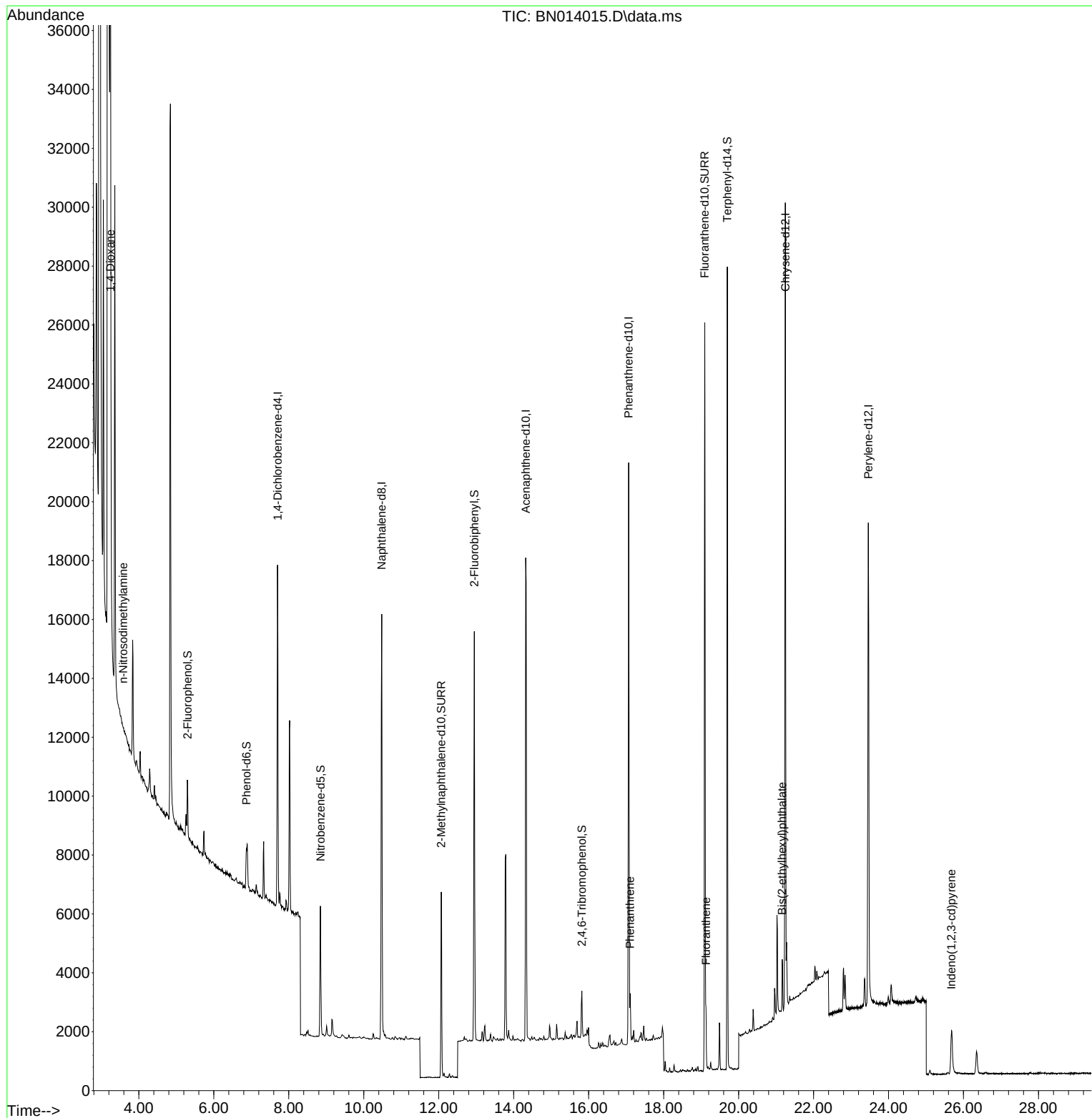
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	5211	0.40	ng	0.00
7) Naphthalene-d8	10.480	136	19599	0.40	ng	0.00
13) Acenaphthene-d10	14.321	164	10891	0.40	ng	-0.01
19) Phenanthrene-d10	17.067	188	25021	0.40	ng	0.00
29) Chrysene-d12	21.247	240	25083	0.40	ng	# 0.00
36) Perylene-d12	23.462	264	22936	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	1472	0.12	ng	0.00
5) Phenol-d6	6.871	99	1065	0.07	ng	0.00
8) Nitrobenzene-d5	8.845	82	3519	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.066	152	8543	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1132	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.950	172	11849	0.29	ng	0.00
27) Fluoranthene-d10	19.096	212	28644	0.41	ng	0.00
31) Terphenyl-d14	19.697	244	28078	0.51	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	28857	4.20	ng	Qvalue 97
3) n-Nitrosodimethylamine	3.585	42	177	0.04	ng	# 4
25) Phenanthrene	17.103	178	1707	0.02	ng	98
28) Fluoranthene	19.131	202	1528	0.02	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.162	149	1812	0.07	ng	100
35) Indeno(1,2,3-cd)pyrene	25.674	276	1714	0.02	ng	# 95

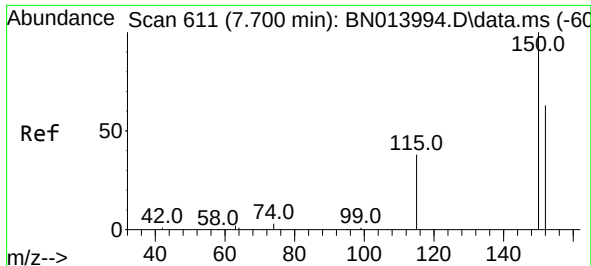
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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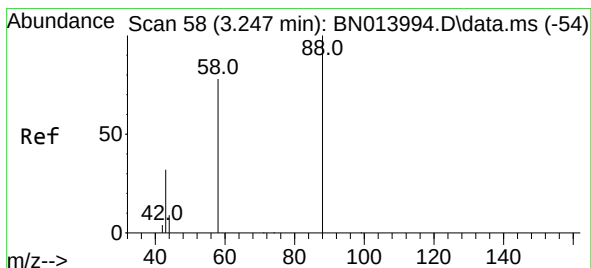
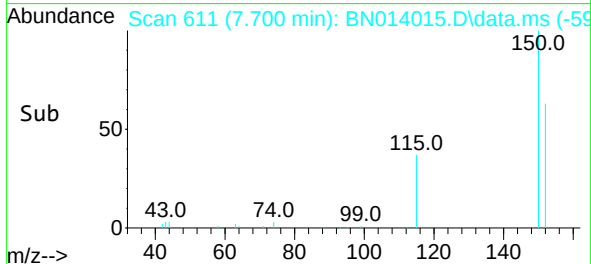
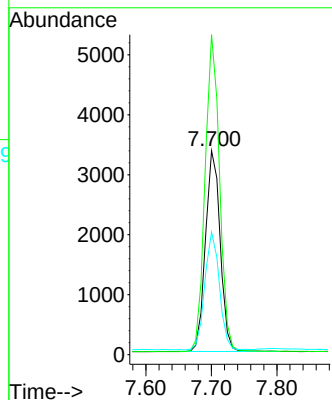
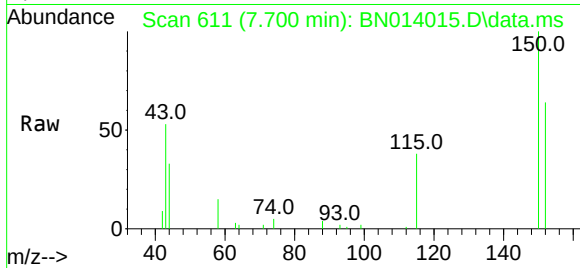




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014015.D
 Acq: 22 Mar 2021 16:31

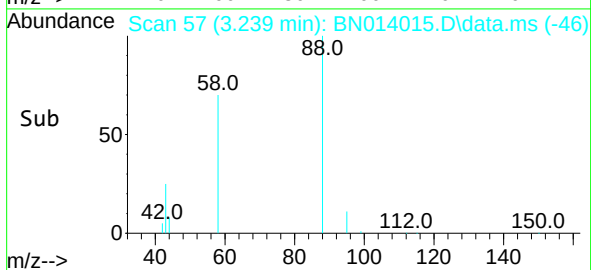
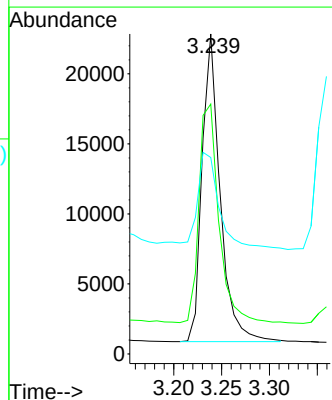
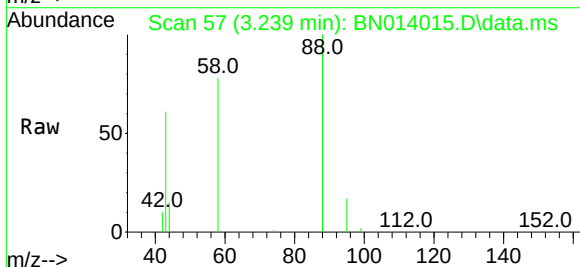
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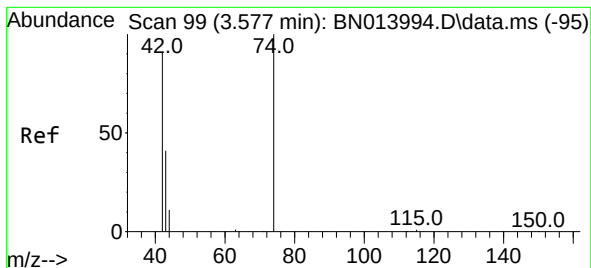
Tgt Ion:152 Resp: 5211
 Ion Ratio Lower Upper
 152 100
 150 156.8 121.8 182.8
 115 60.0 46.6 69.8



#2
 1,4-Dioxane
 Concen: 4.20 ng
 RT: 3.239 min Scan# 57
 Delta R.T. -0.008 min
 Lab File: BN014015.D
 Acq: 22 Mar 2021 16:31

Tgt Ion: 88 Resp: 28857
 Ion Ratio Lower Upper
 88 100
 58 78.2 64.6 96.8
 43 36.2 26.6 40.0

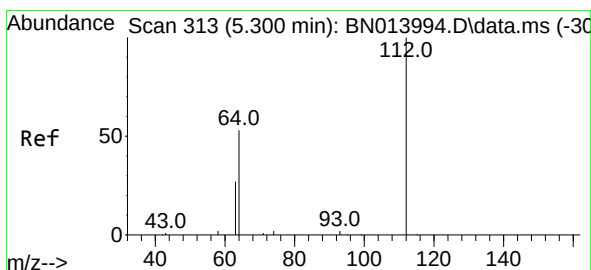
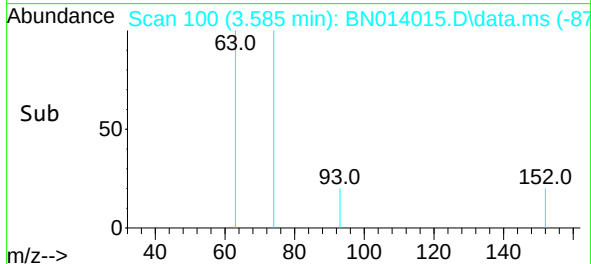
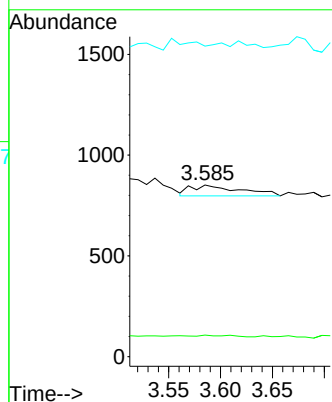
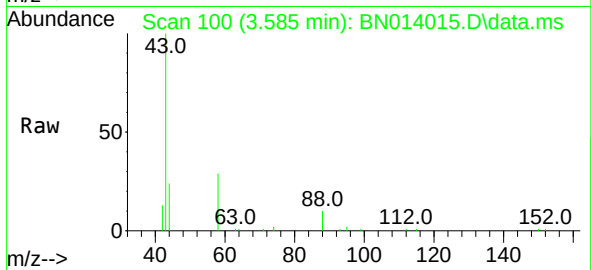




#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.585 min Scan# 100
Delta R.T. 0.008 min
Lab File: BN014015.D
Acq: 22 Mar 2021 16:31

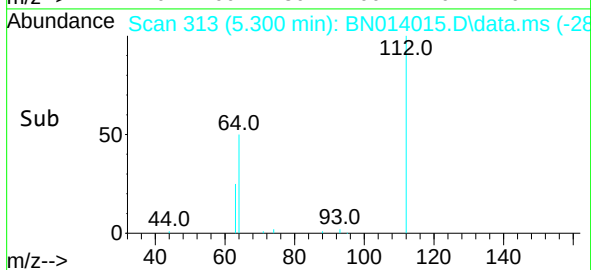
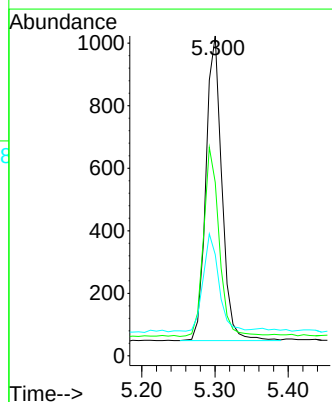
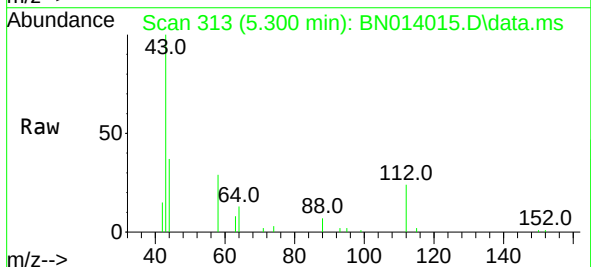
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ClientSampleId :
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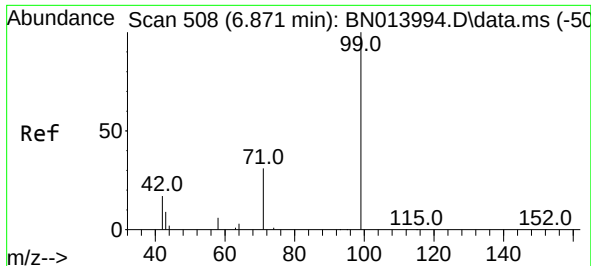
Tgt Ion: 42 Resp: 177
Ion Ratio Lower Upper
42 100
74 7.9 95.0 142.6#
44 0.0 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.300 min Scan# 313
Delta R.T. -0.000 min
Lab File: BN014015.D
Acq: 22 Mar 2021 16:31

Tgt Ion: 112 Resp: 1472
Ion Ratio Lower Upper
112 100
64 61.1 44.3 66.5
63 31.4 23.0 34.6

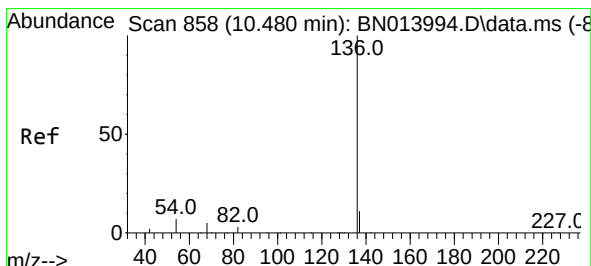
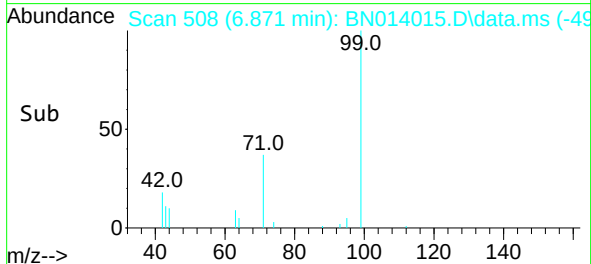
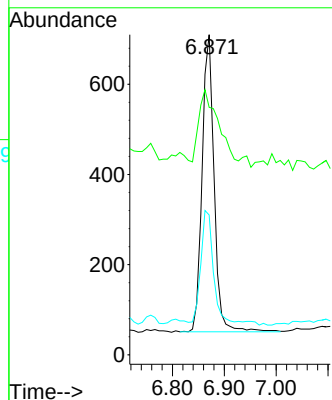
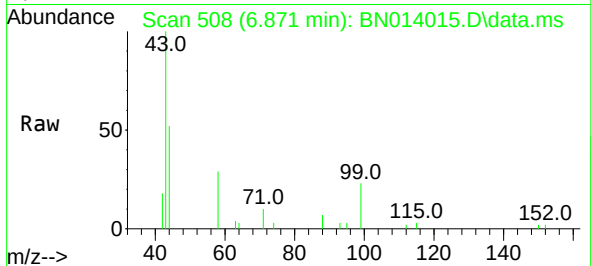




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.871 min Scan# 508
Delta R.T. -0.000 min
Lab File: BN014015.D
Acq: 22 Mar 2021 16:31

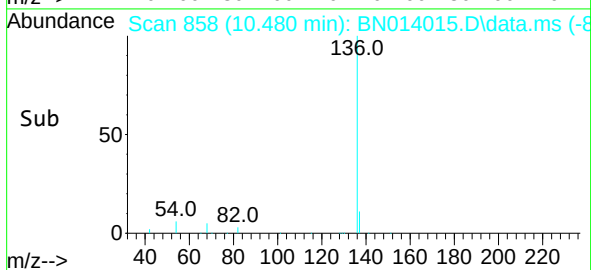
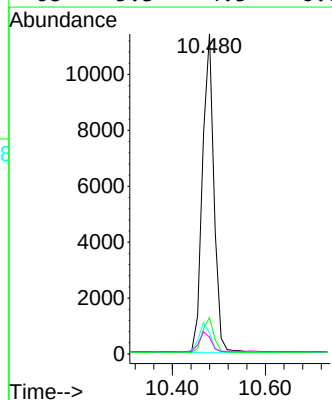
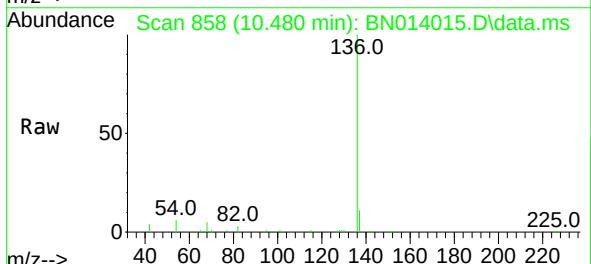
Instrument :
BNA_N
ClientSampleId :
RE120D2-20210317

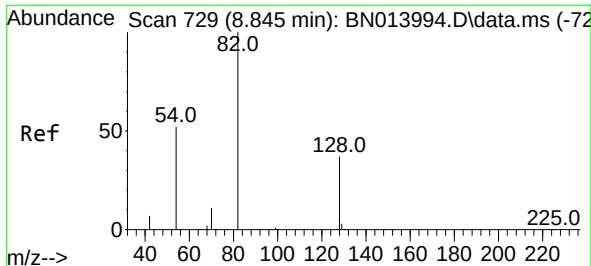
Tgt Ion: 99 Resp: 1065
Ion Ratio Lower Upper
99 100
42 41.5 15.2 22.8#
71 37.9 26.1 39.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.480 min Scan# 858
Delta R.T. -0.000 min
Lab File: BN014015.D
Acq: 22 Mar 2021 16:31

Tgt Ion: 136 Resp: 19599
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 6.5 6.4 9.6
68 5.3 4.5 6.7

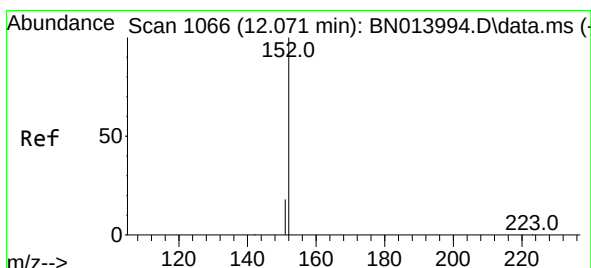
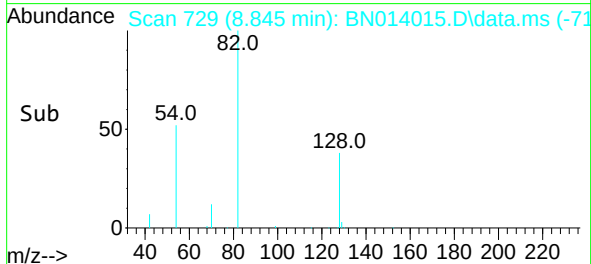
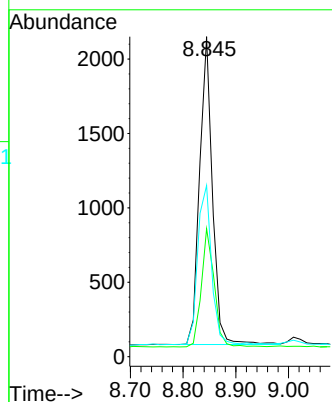
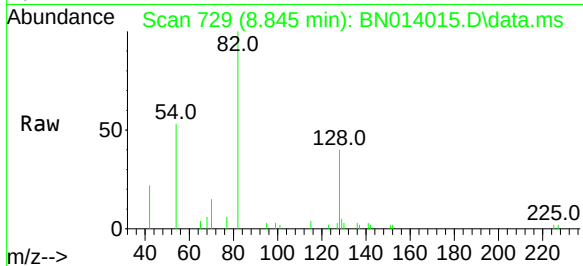




#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.845 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN014015.D
Acq: 22 Mar 2021 16:31

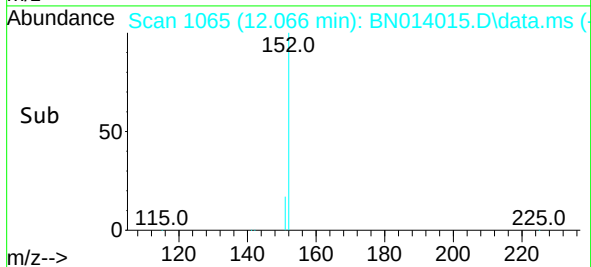
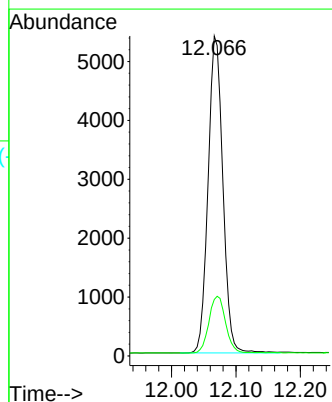
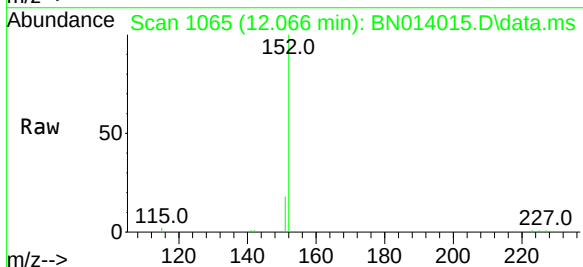
Instrument :
BNA_N
ClientSampleId :
RE120D2-20210317

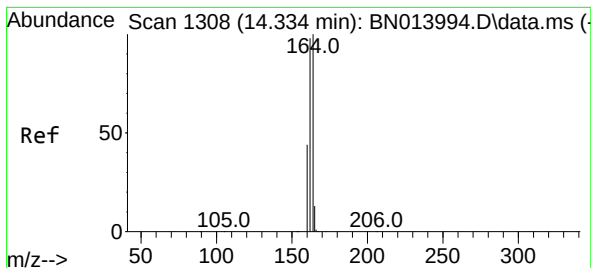
Tgt Ion:	82	Resp:	3519
Ion Ratio	Lower	Upper	
82	100		
128	40.0	39.2	58.8
54	53.5	40.1	60.1



#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.066 min Scan# 1065
Delta R.T. -0.005 min
Lab File: BN014015.D
Acq: 22 Mar 2021 16:31

Tgt Ion:	152	Resp:	8543
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.2

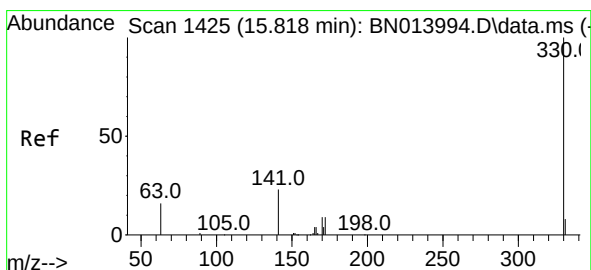
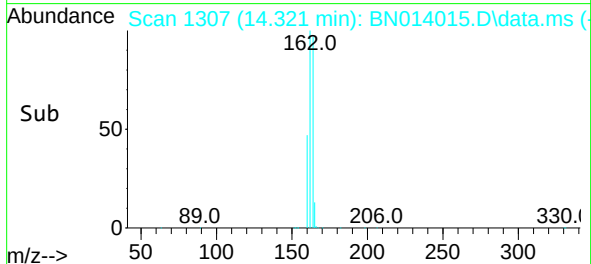
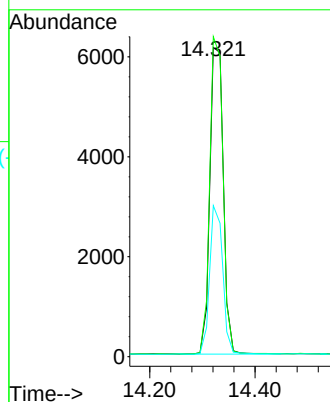
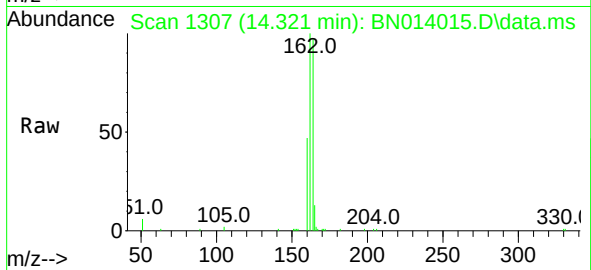




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.013 min
Lab File: BN014015.D
Acq: 22 Mar 2021 16:31

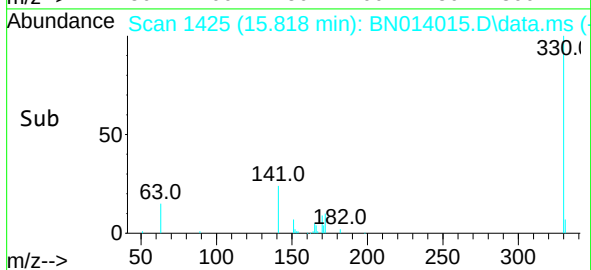
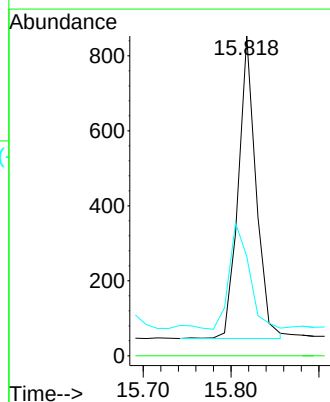
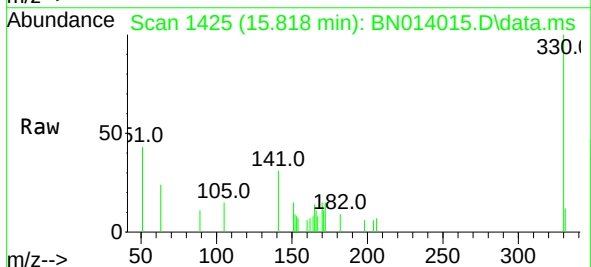
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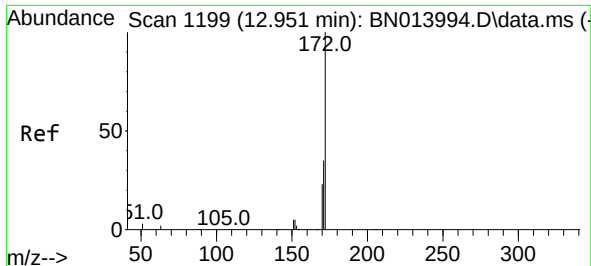
Tgt Ion:164 Resp: 10891
Ion Ratio Lower Upper
164 100
162 103.5 79.6 119.4
160 48.9 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.818 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BN014015.D
Acq: 22 Mar 2021 16:31

Tgt Ion:330 Resp: 1132
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.4 26.8 40.2

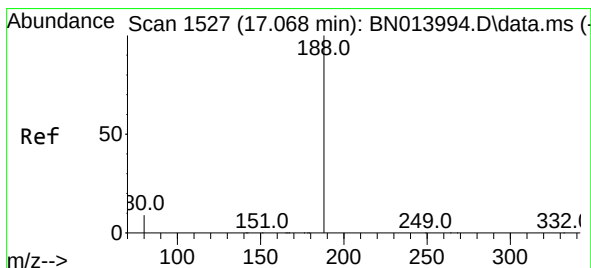
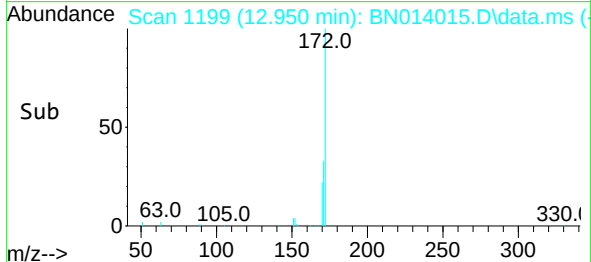
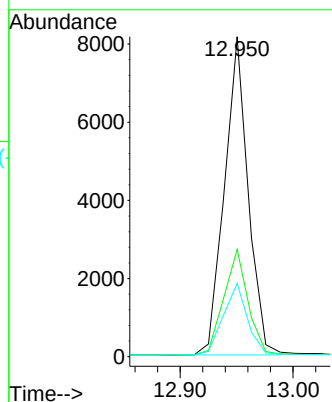
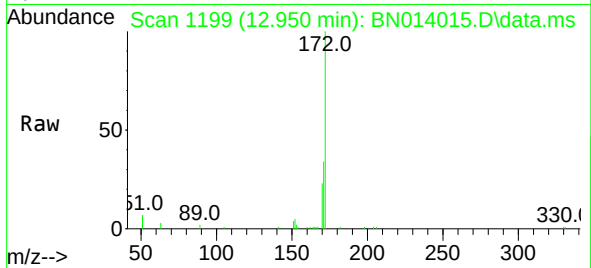




#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 12.950 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BN014015.D
Acq: 22 Mar 2021 16:31

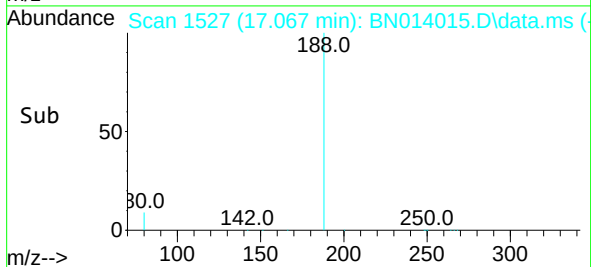
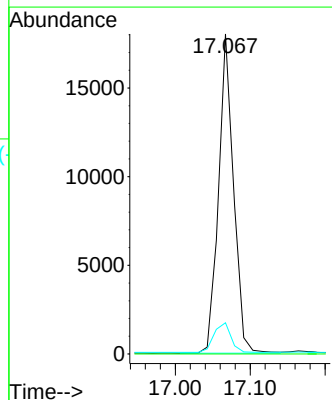
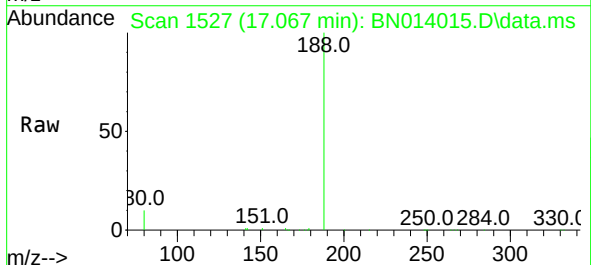
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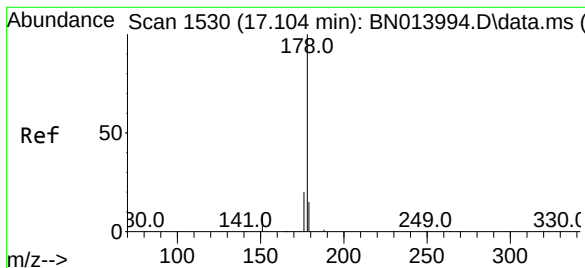
Tgt Ion:	172	Resp:	11849
Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.6	42.8
170	22.9	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.001 min
Lab File: BN014015.D
Acq: 22 Mar 2021 16:31

Tgt Ion:	188	Resp:	25021
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	9.0	13.6

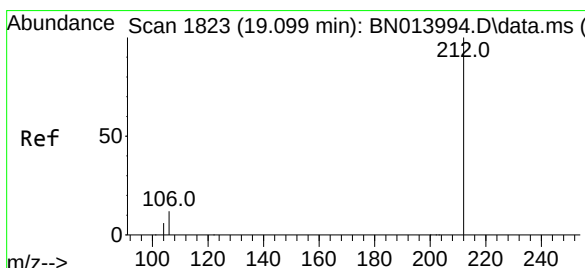
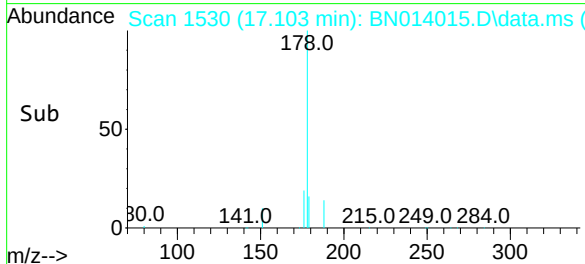
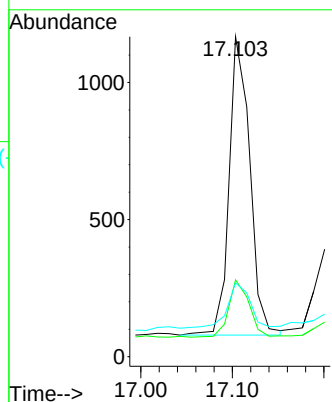
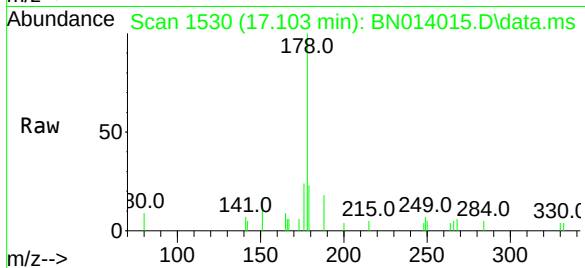




#25
Phenanthrene
Concen: 0.02 ng
RT: 17.103 min Scan# 1530
Delta R.T. -0.001 min
Lab File: BN014015.D
Acq: 22 Mar 2021 16:31

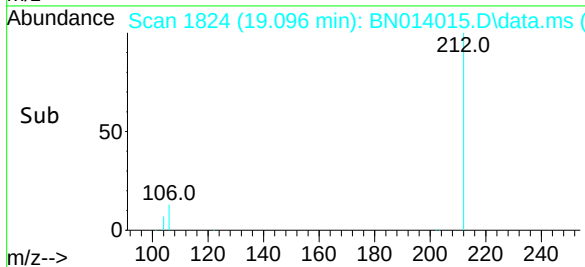
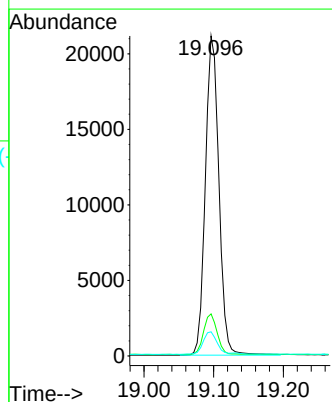
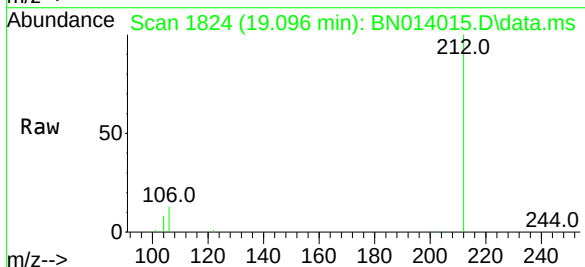
Instrument :
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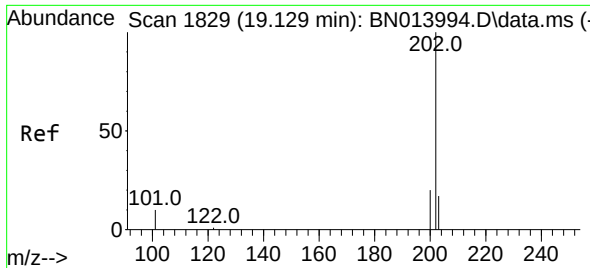
Tgt Ion:	178	Resp:	1707
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.0	22.4
179	16.6	12.3	18.5



#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.096 min Scan# 1824
Delta R.T. -0.003 min
Lab File: BN014015.D
Acq: 22 Mar 2021 16:31

Tgt Ion:	212	Resp:	28644
Ion Ratio	Lower	Upper	
212	100		
106	12.7	9.7	14.5
104	7.5	5.5	8.3

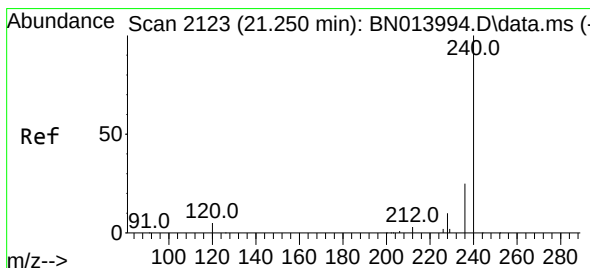
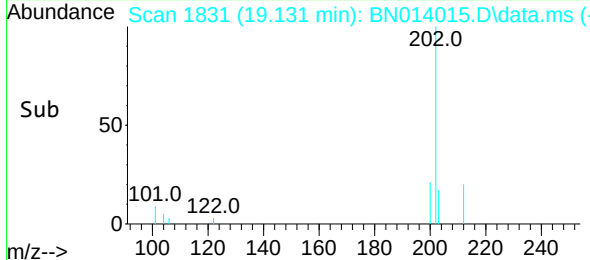
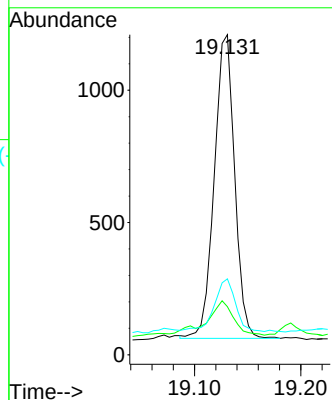
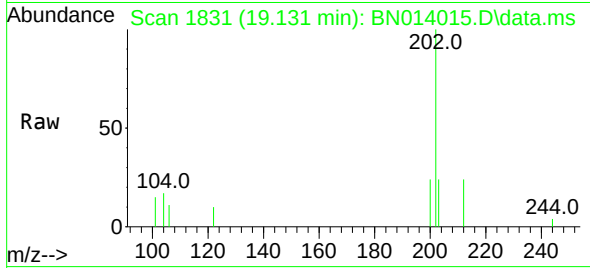




#28
Fluoranthene
Concen: 0.02 ng
RT: 19.131 min Scan# 1831
Delta R.T. 0.002 min
Lab File: BN014015.D
Acq: 22 Mar 2021 16:31

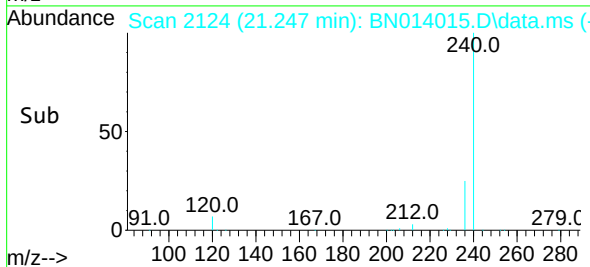
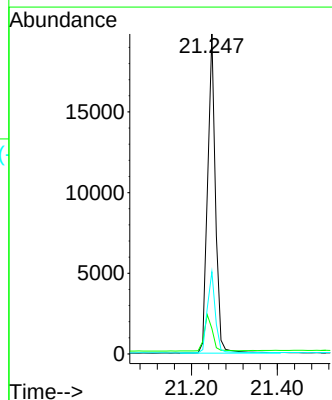
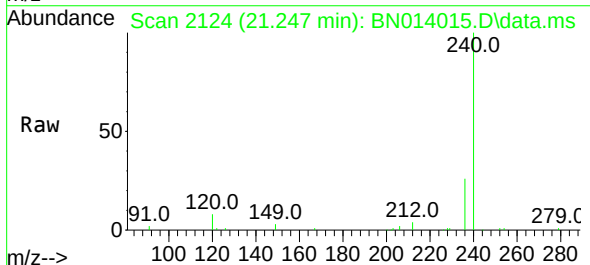
Instrument :
BNA_N
ClientSampleId :
RE120D2-20210317

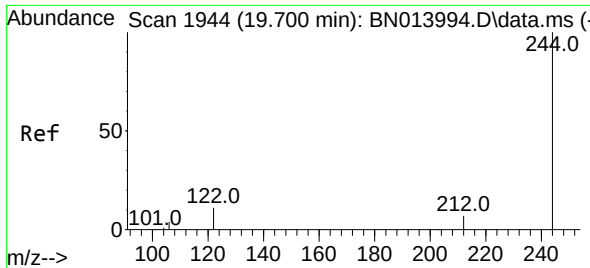
Tgt Ion:202 Resp: 1528
Ion Ratio Lower Upper
202 100
101 14.9 8.1 12.1#
203 18.8 13.9 20.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.247 min Scan# 2124
Delta R.T. -0.003 min
Lab File: BN014015.D
Acq: 22 Mar 2021 16:31

Tgt Ion:240 Resp: 25083
Ion Ratio Lower Upper
240 100
120 7.9 10.2 15.4#
236 25.7 21.3 31.9

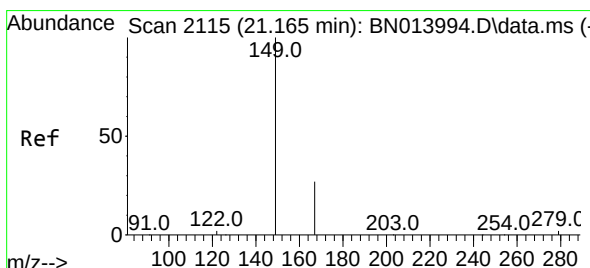
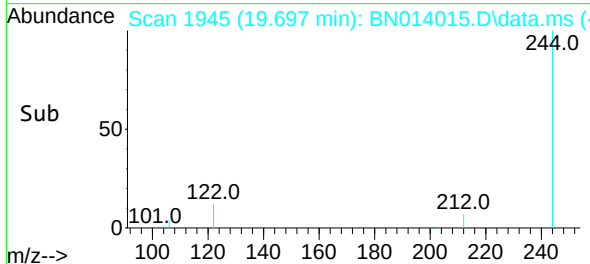
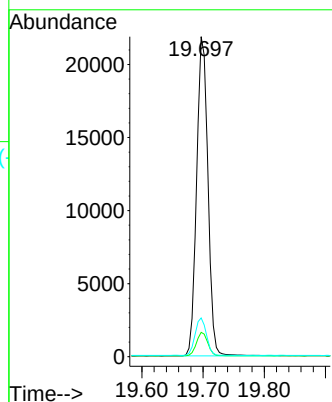
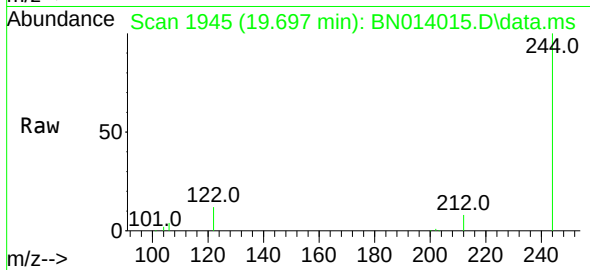




#31
Terphenyl-d14
Concen: 0.51 ng
RT: 19.697 min Scan# 1945
Delta R.T. -0.003 min
Lab File: BN014015.D
Acq: 22 Mar 2021 16:31

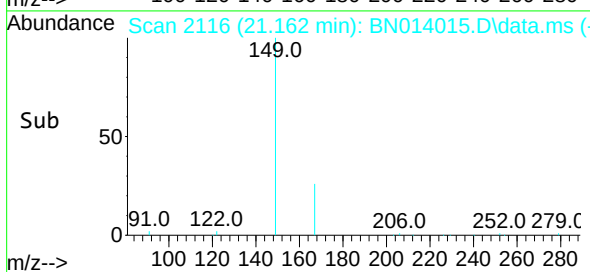
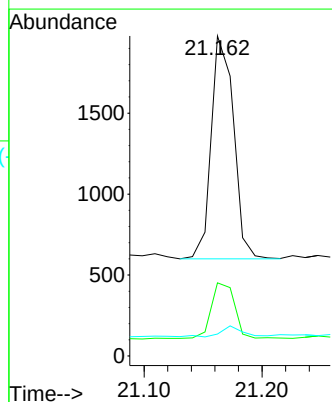
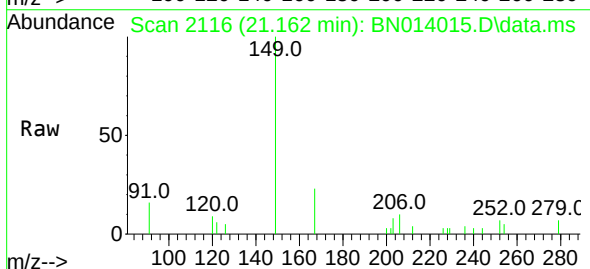
Instrument :
BNA_N
ClientSampleId :
RE120D2-20210317

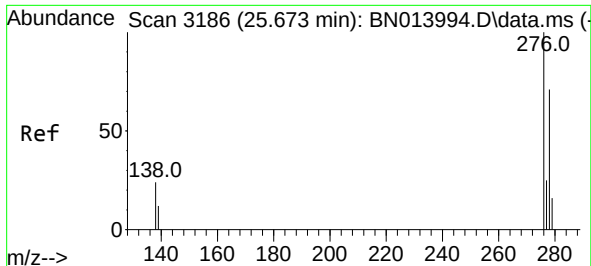
Tgt Ion:244 Resp: 28078
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 12.1 9.8 14.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.07 ng
RT: 21.162 min Scan# 2116
Delta R.T. -0.003 min
Lab File: BN014015.D
Acq: 22 Mar 2021 16:31

Tgt Ion:149 Resp: 1812
Ion Ratio Lower Upper
149 100
167 27.4 22.1 33.1
279 4.5 3.5 5.3

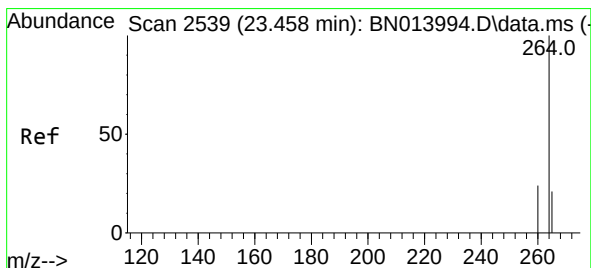
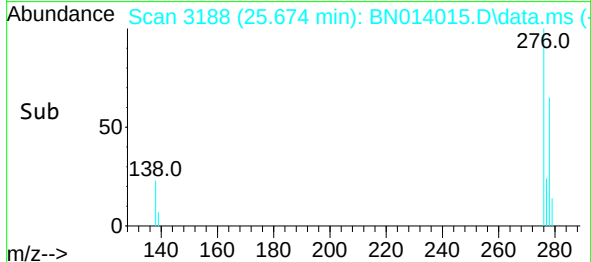
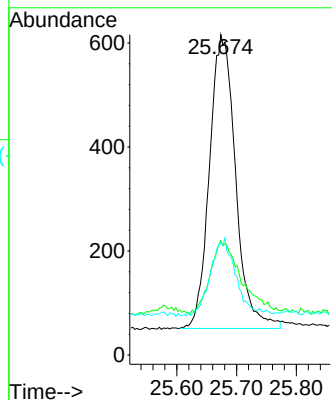
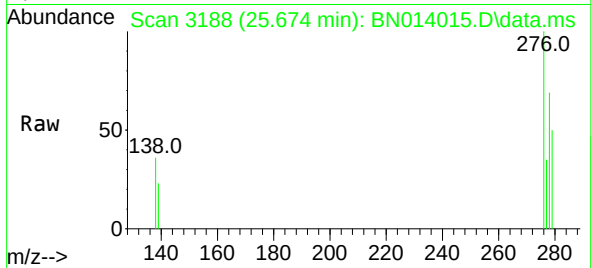




#35
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.674 min Scan# 3188
Delta R.T. 0.001 min
Lab File: BN014015.D
Acq: 22 Mar 2021 16:31

Instrument :
BNA_N
ClientSampleId :
RE120D2-20210317

Tgt Ion:276 Resp: 1714
Ion Ratio Lower Upper
276 100
138 29.9 19.8 29.6#
277 25.1 19.9 29.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.462 min Scan# 2542
Delta R.T. 0.004 min
Lab File: BN014015.D
Acq: 22 Mar 2021 16:31

Tgt Ion:264 Resp: 22936
Ion Ratio Lower Upper
264 100
260 24.7 19.3 28.9
265 33.5 66.2 99.4#

