

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052121\
 Data File : BN014699.D
 Acq On : 21 May 2021 18:36
 Operator : CG/JU
 Sample : M2383-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KTW-01

Quant Time: May 22 01:03:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 21 11:30:28 2021
 Response via : Initial Calibration

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

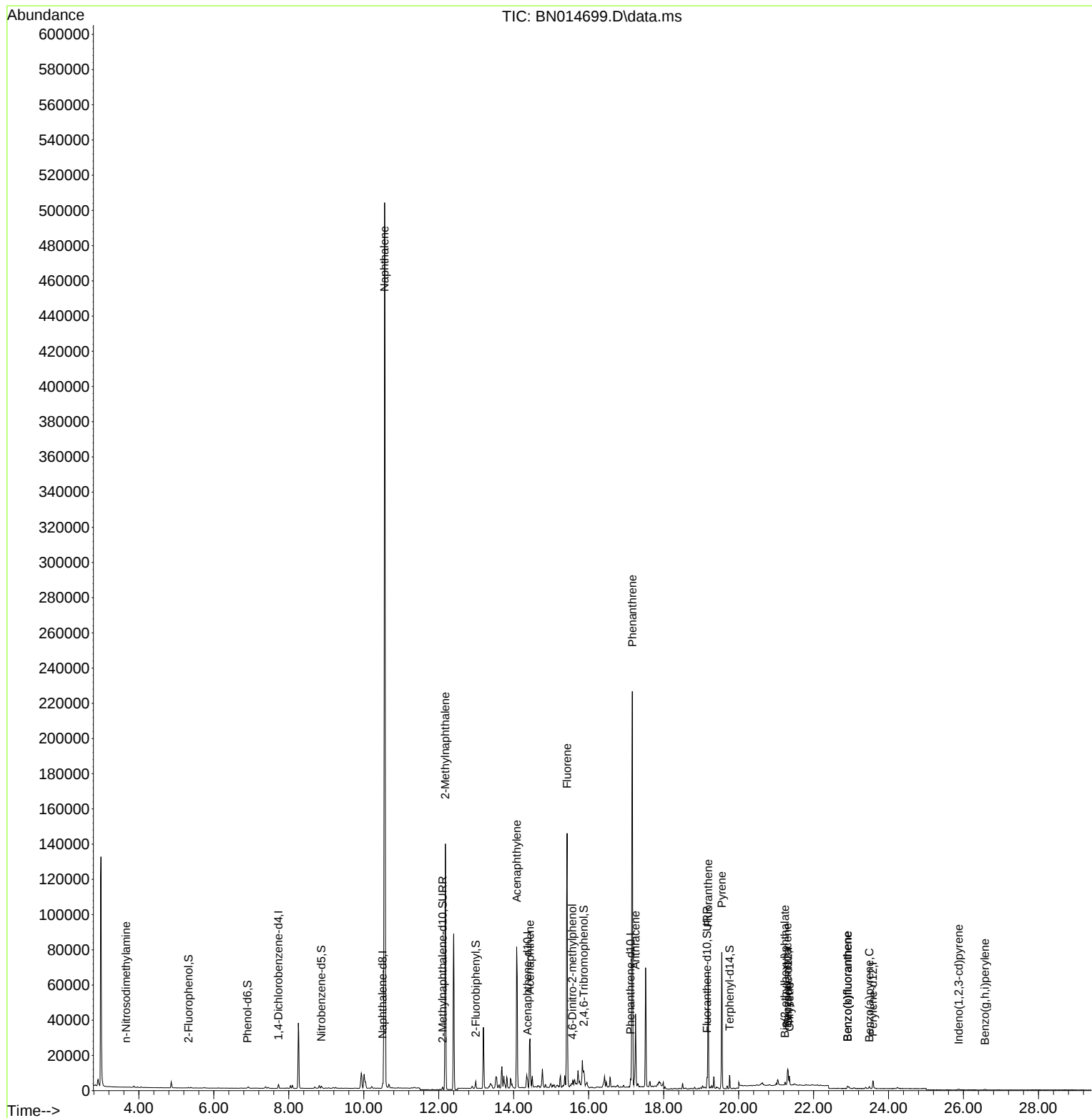
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	979	0.40	ng	# 0.00
7) Naphthalene-d8	10.505	136	3703	0.40	ng	# 0.00
13) Acenaphthene-d10	14.372	164	2835	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	6075	0.40	ng	# 0.00
29) Chrysene-d12	21.322	240	6618	0.40	ng	0.00
35) Perylene-d12	23.586	264	5542	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	312	0.12	ng	0.00
5) Phenol-d6	6.895	99	259	0.07	ng	0.00
8) Nitrobenzene-d5	8.870	82	1162	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2004	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	636	0.48	ng	0.00
15) 2-Fluorobiphenyl	12.989	172	3381	0.33	ng	0.00
27) Fluoranthene-d10	19.161	212	7575	0.28	ng	0.00
31) Terphenyl-d14	19.762	244	7825	0.50	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.255	88	21	Below Cal	#	32
3) n-Nitrosodimethylamine	3.658	42	17	0.03	ng	# 1
9) Naphthalene	10.556	128	668697	68.35	ng	98
12) 2-Methylnaphthalene	12.178	142	90790	12.75	ng	# 90
16) Acenaphthylene	14.080	152	87313	8.37	ng	97
17) Acenaphthene	14.435	154	15669	2.03	ng	98
18) Fluorene	15.425	166	98738	9.51	ng	# 98
20) 4,6-Dinitro-2-methylph...	15.564	198	57	0.20	ng	# 1
25) Phenanthrene	17.165	178	241424	14.49	ng	99
26) Anthracene	17.250	178	41251	2.95	ng	# 88
28) Fluoranthene	19.191	202	59320	2.69	ng	97
30) Pyrene	19.553	202	71024	3.91	ng	96
32) Benzo(a)anthracene	21.300	228	6133	0.32	ng	92
33) Chrysene	21.354	228	3795	0.19	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.237	149	1478	0.28	ng	# 65
36) Indeno(1,2,3-cd)pyrene	25.869	276	792	0.04	ng	# 85
37) Benzo(b)fluoranthene	22.908	252	2297	0.12	ng	# 69
38) Benzo(k)fluoranthene	22.908	252	2297	0.12	ng	# 68
39) Benzo(a)pyrene	23.487	252	1645	0.10	ng	# 78
41) Benzo(g,h,i)perylene	26.571	276	727	0.04	ng	# 77

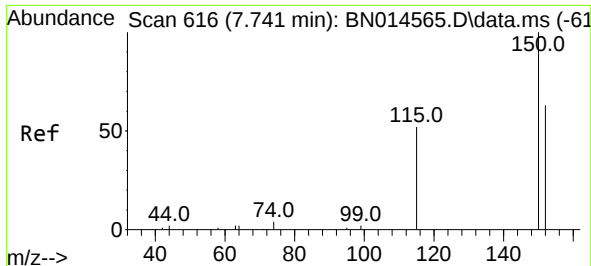
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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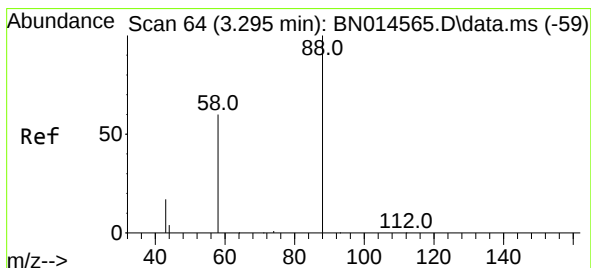
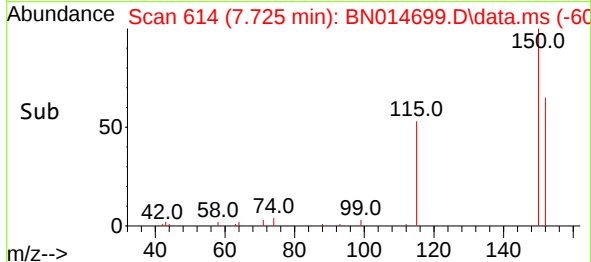
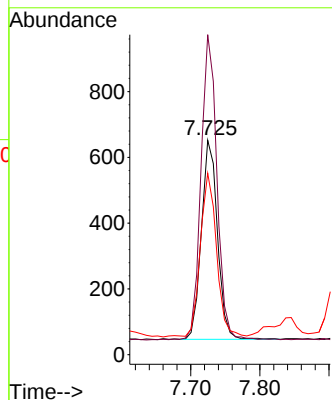
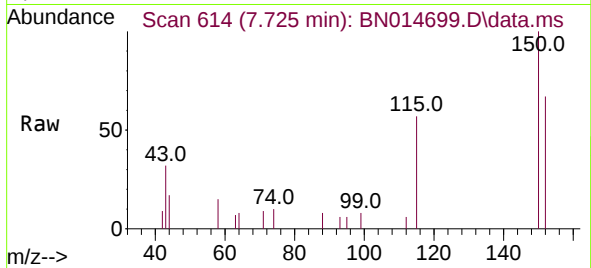




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.725 min Scan# 614
 Delta R.T. -0.000 min
 Lab File: BN014699.D
 Acq: 21 May 2021 18:36

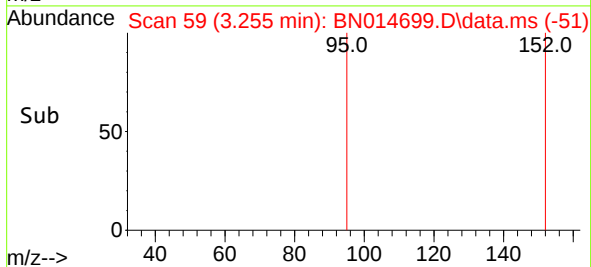
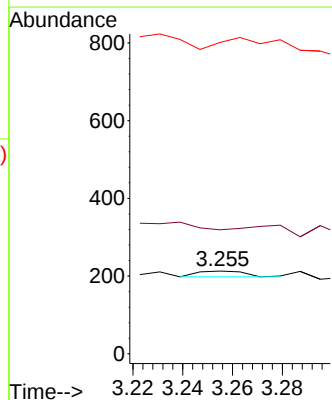
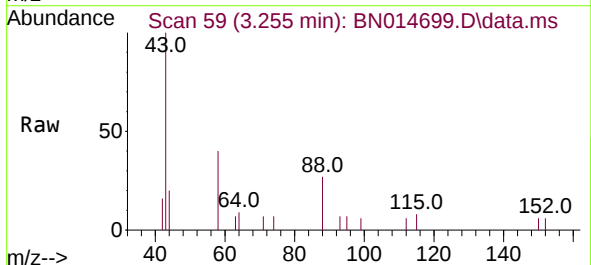
Instrument :
 BNA_N
 ClientSampled :
 KTW-01

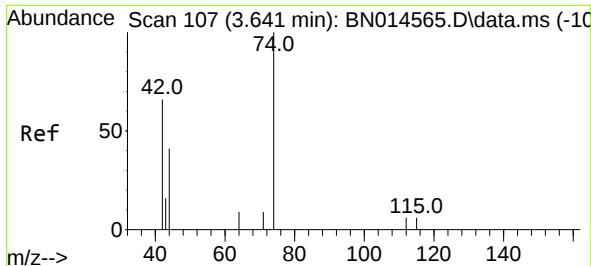
Tgt Ion:152 Resp: 979
 Ion Ratio Lower Upper
 152 100
 150 149.2 123.8 185.8
 115 84.7 47.0 70.4#



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.255 min Scan# 59
 Delta R.T. -0.032 min
 Lab File: BN014699.D
 Acq: 21 May 2021 18:36

Tgt Ion: 88 Resp: 21
 Ion Ratio Lower Upper
 88 100
 58 0.0 44.4 66.6#
 43 0.0 15.9 23.9#

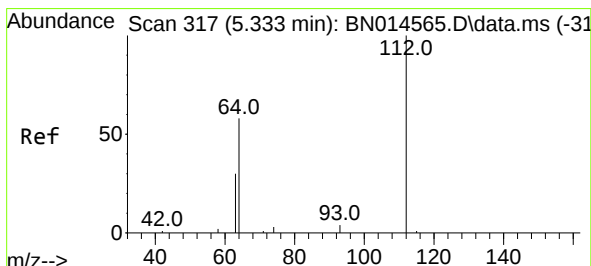
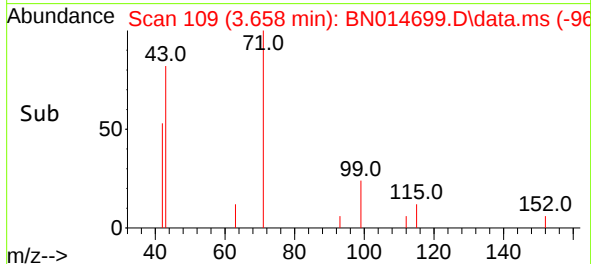
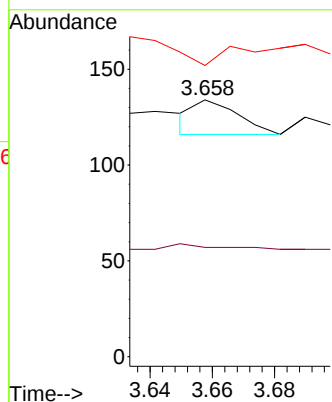
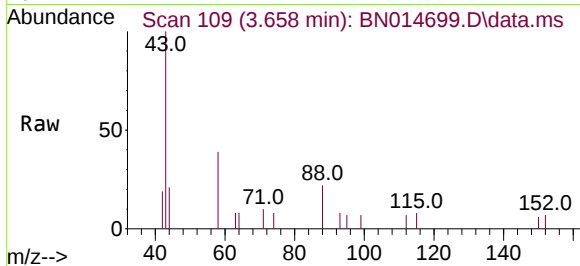




#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.658 min Scan# 109
Delta R.T. 0.008 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

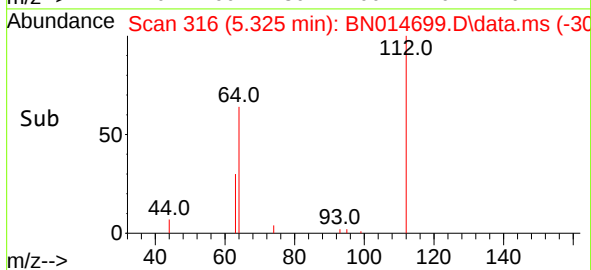
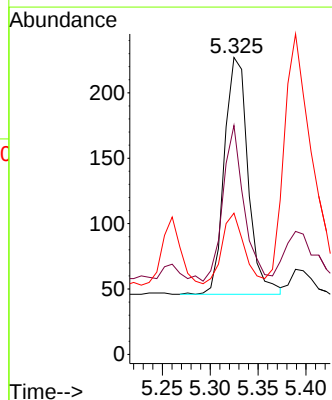
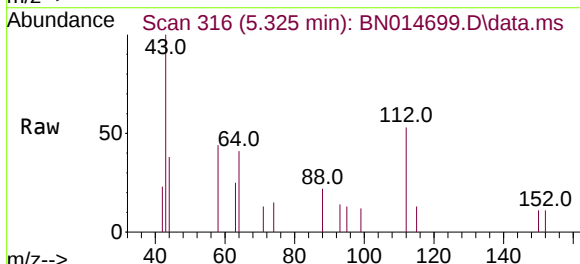
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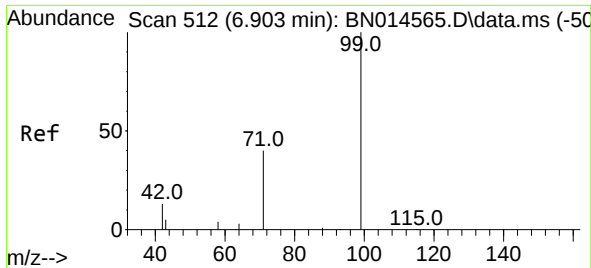
Tgt Ion: 42 Resp: 17
Ion Ratio Lower Upper
42 100
74 47.1 175.1 262.7#
44 76.5 7.5 11.3#



#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.325 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

Tgt Ion: 112 Resp: 312
Ion Ratio Lower Upper
112 100
64 58.0 41.8 62.6
63 27.9 22.0 33.0

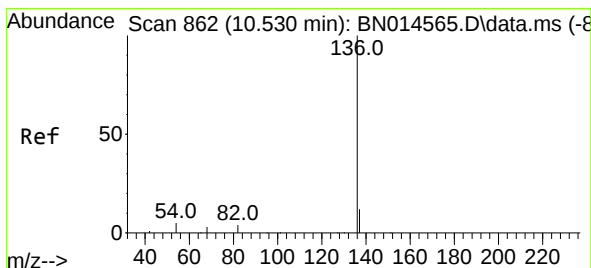
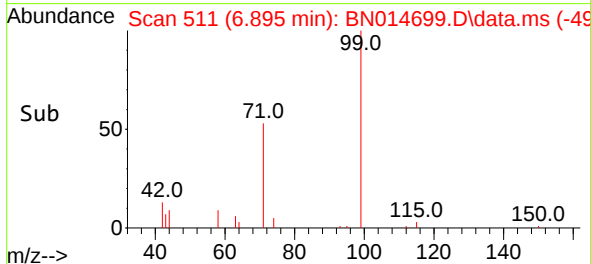
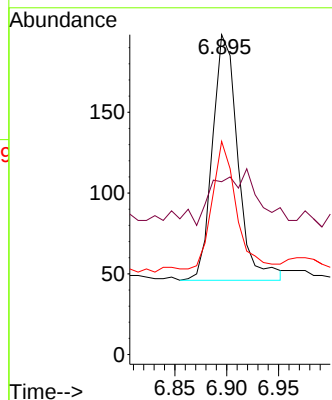
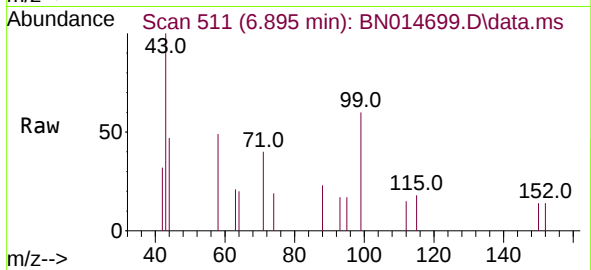




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.895 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

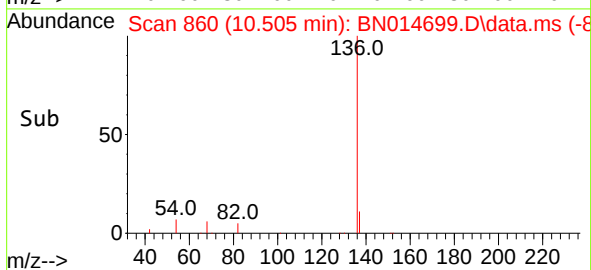
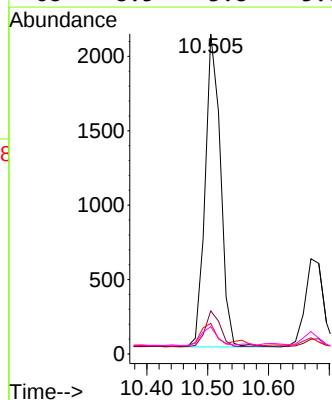
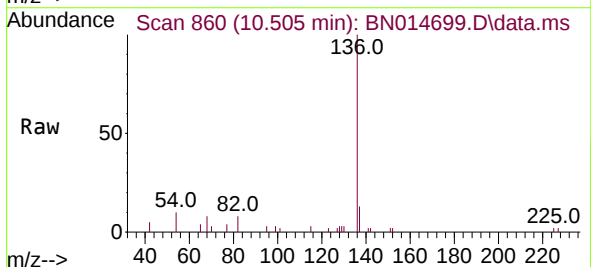
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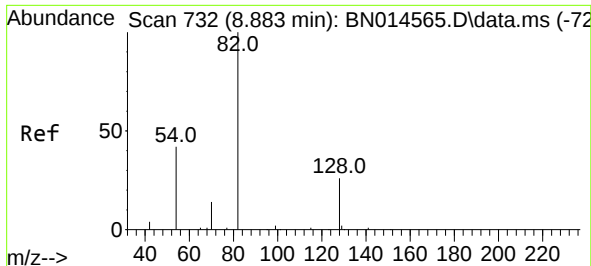
Tgt Ion: 99 Resp: 259
Ion Ratio Lower Upper
99 100
42 0.0 13.2 19.8#
71 48.6 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. 0.000 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

Tgt Ion:136 Resp: 3703
Ion Ratio Lower Upper
136 100
137 13.4 8.9 13.3#
54 9.5 3.8 5.8#
68 8.5 3.8 5.6#

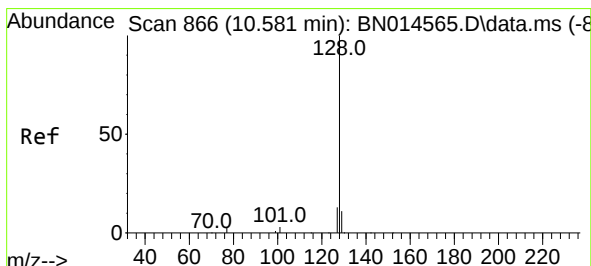
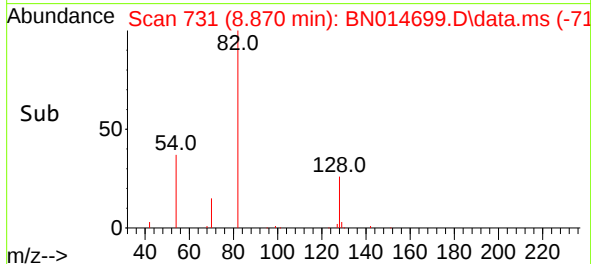
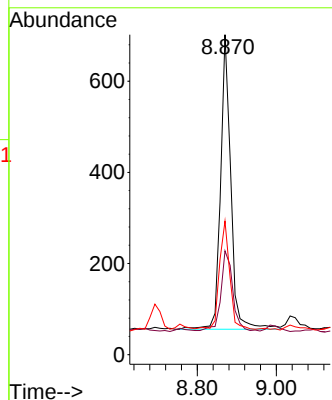
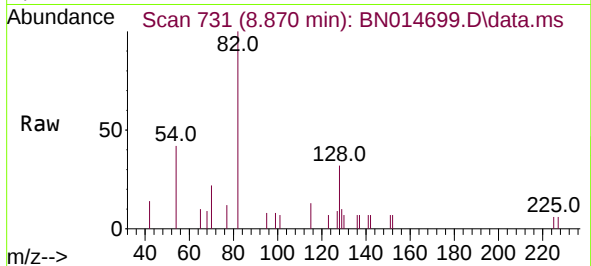




#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.870 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

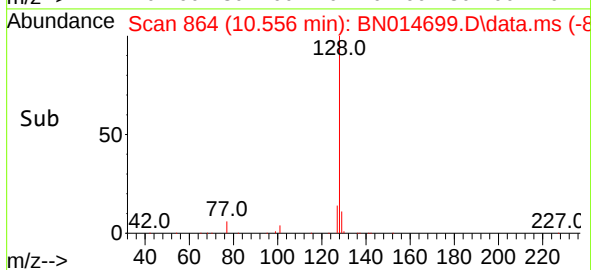
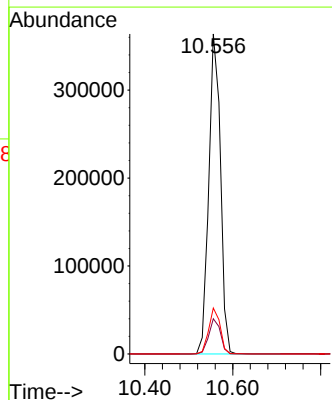
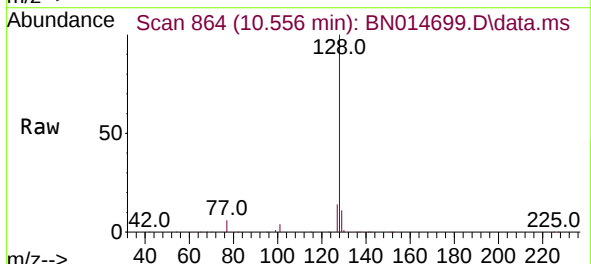
Instrument :
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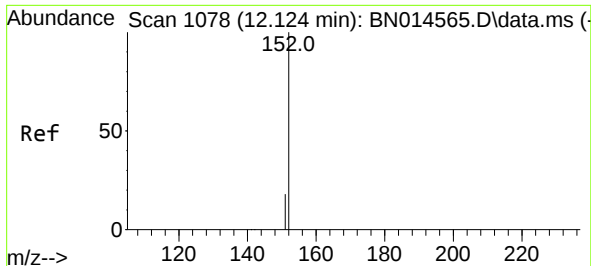
Tgt Ion:	82	Resp:	1162
Ion Ratio	Lower	Upper	
82	100		
128	32.5	29.5	44.3
54	41.7	36.9	55.3



#9
Naphthalene
Concen: 68.35 ng
RT: 10.556 min Scan# 864
Delta R.T. 0.000 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

Tgt Ion:	128	Resp:	668697
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.0	13.4
127	14.4	10.4	15.6

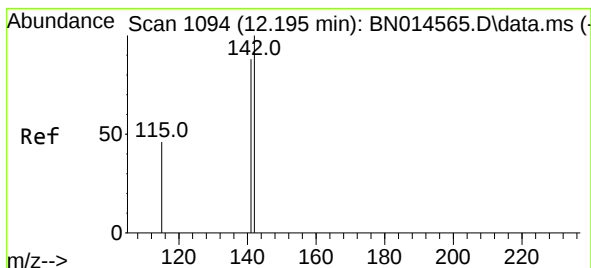
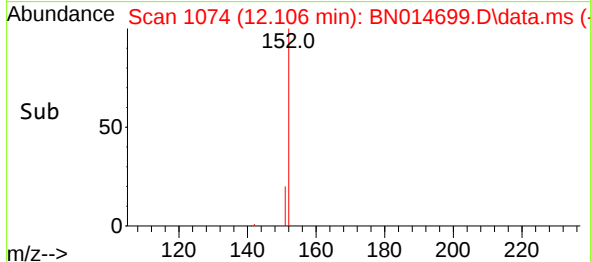
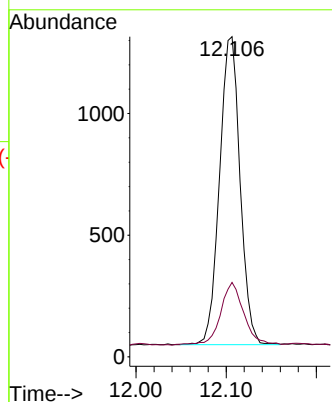
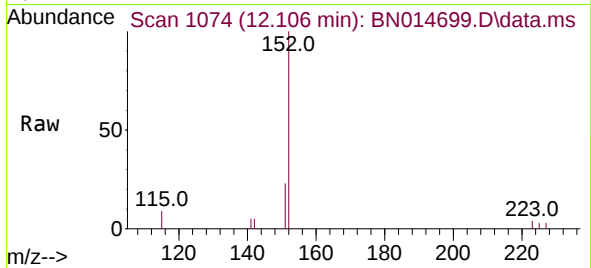




#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 12.106 min Scan# 1074
Delta R.T. 0.005 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

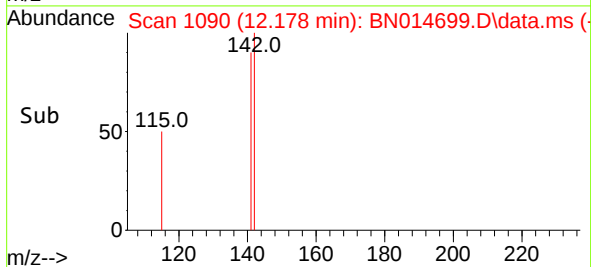
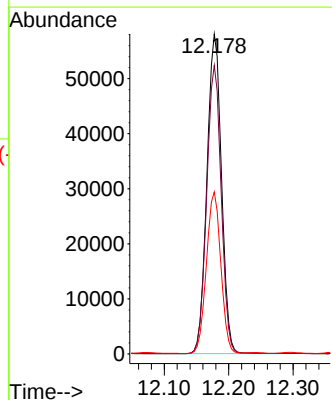
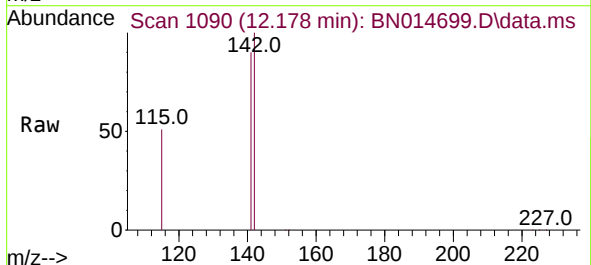
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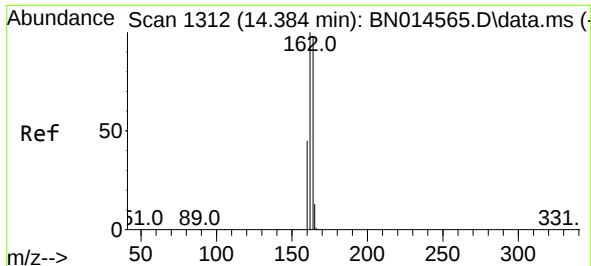
Tgt Ion:152 Resp: 2004
Ion Ratio Lower Upper
152 100
151 23.3 16.2 24.2



#12
2-Methylnaphthalene
Concen: 12.75 ng
RT: 12.178 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

Tgt Ion:142 Resp: 90790
Ion Ratio Lower Upper
142 100
141 90.2 70.2 105.4
115 50.6 26.7 40.1#

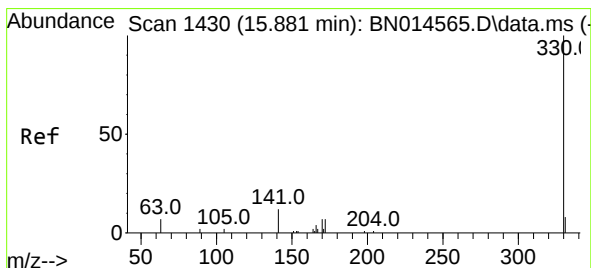
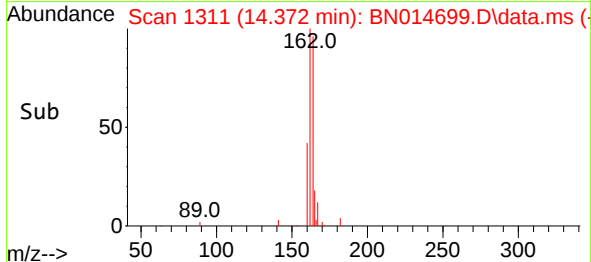
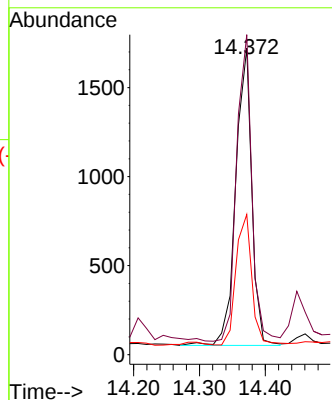
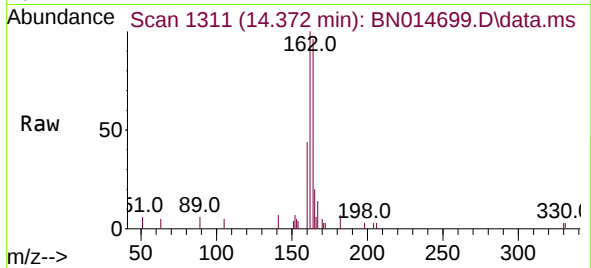




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

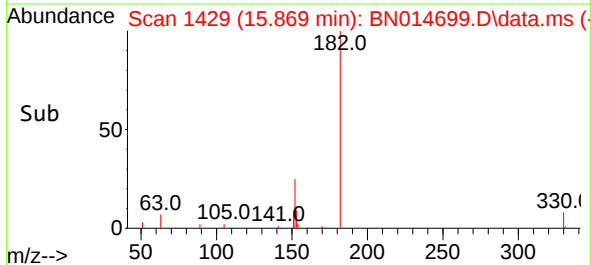
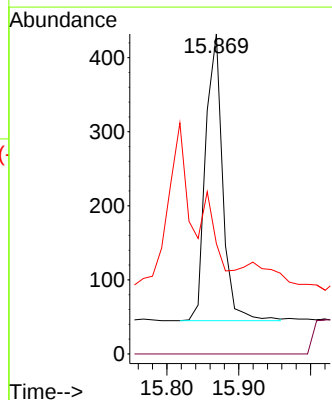
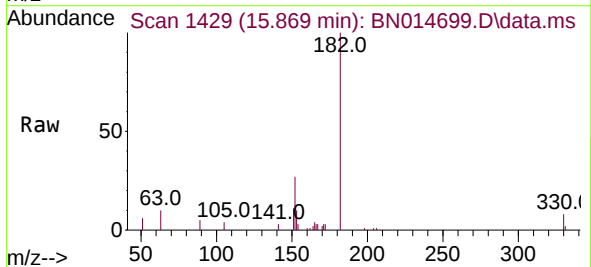
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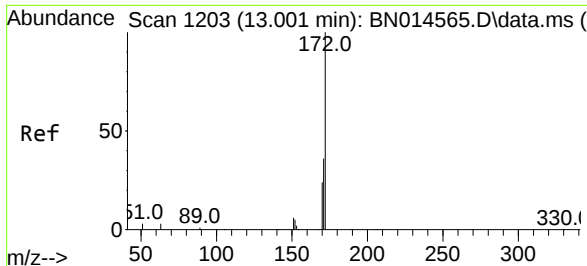
Tgt Ion:164 Resp: 2835
Ion Ratio Lower Upper
164 100
162 104.4 78.6 118.0
160 45.7 35.8 53.8



#14
2,4,6-Tribromophenol
Concen: 0.48 ng
RT: 15.869 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

Tgt Ion:330 Resp: 636
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 0.0 27.0 40.4#

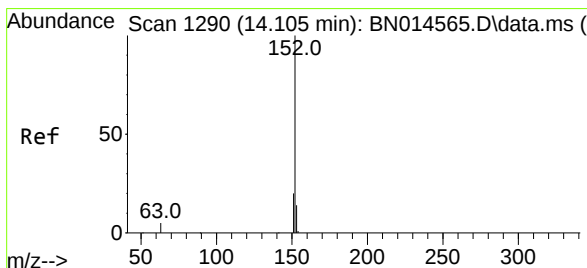
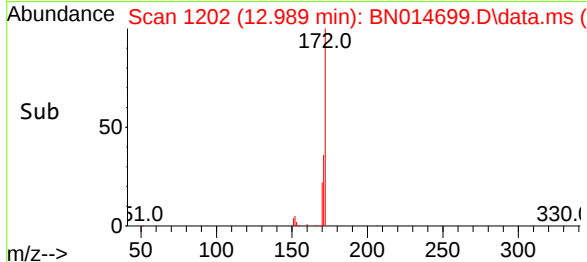
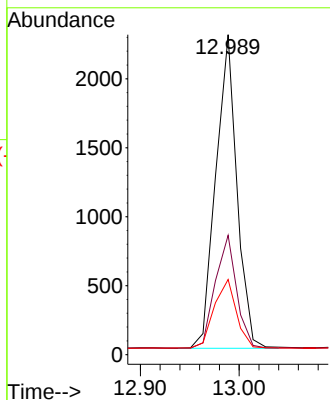
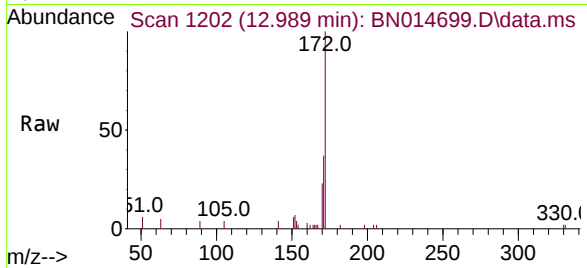




#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.989 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

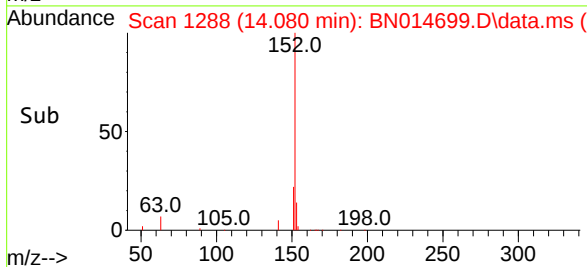
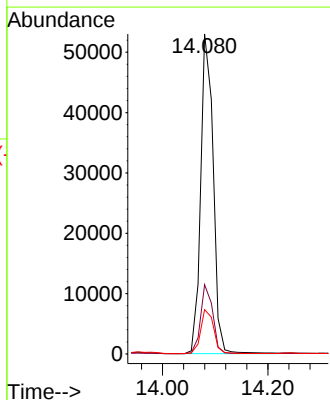
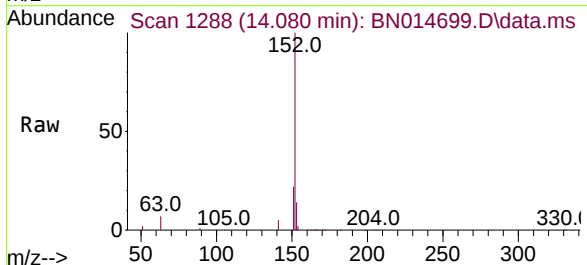
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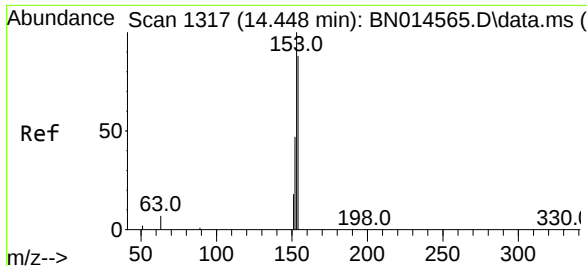
Tgt Ion:172	Resp:	3381
Ion Ratio	Lower	Upper
172	100	
171	37.3	27.1 40.7
170	23.5	18.3 27.5



#16
Acenaphthylene
Concen: 8.37 ng
RT: 14.080 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

Tgt Ion:152	Resp:	87313
Ion Ratio	Lower	Upper
152	100	
151	20.9	15.6 23.4
153	14.3	10.5 15.7

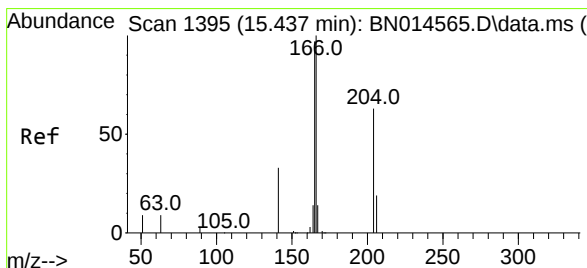
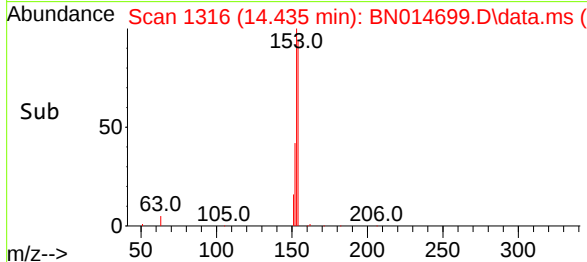
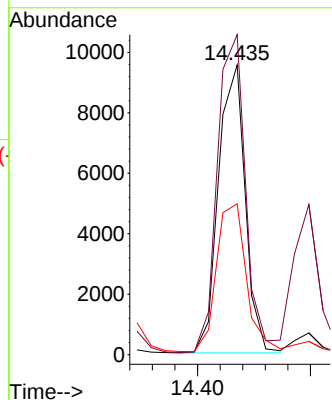
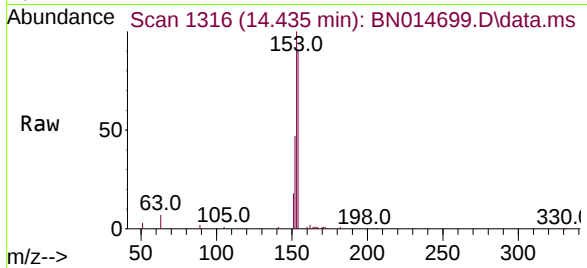




#17
Acenaphthene
Concen: 2.03 ng
RT: 14.435 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

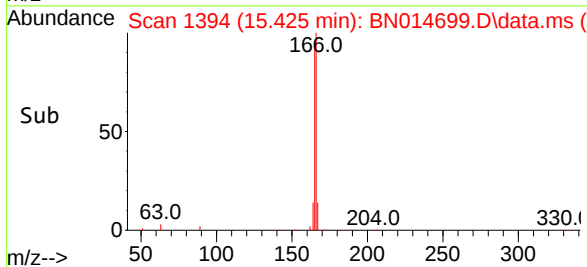
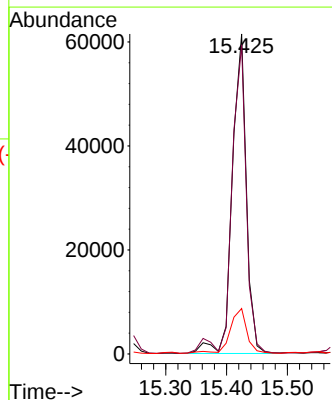
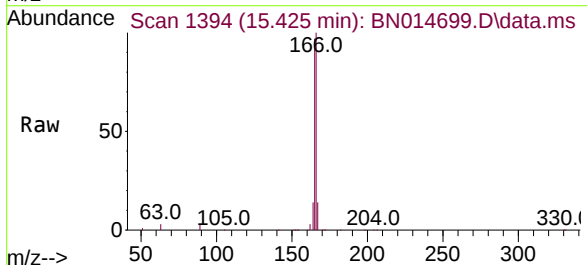
Instrument :
BNA_N
ClientSampleId :
KTW-01

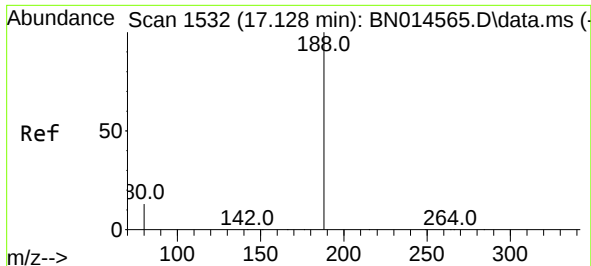
Tgt Ion:154 Resp: 15669
Ion Ratio Lower Upper
154 100
153 115.4 90.2 135.4
152 57.2 46.2 69.2



#18
Fluorene
Concen: 9.51 ng
RT: 15.425 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

Tgt Ion:166 Resp: 98738
Ion Ratio Lower Upper
166 100
165 99.5 78.4 117.6
167 16.7 10.7 16.1#

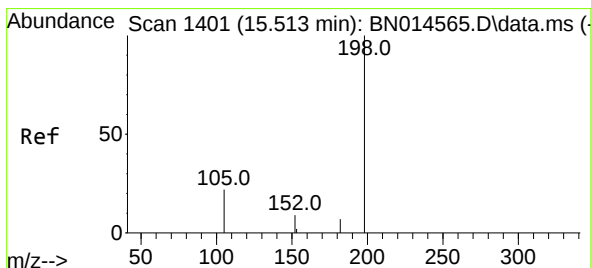
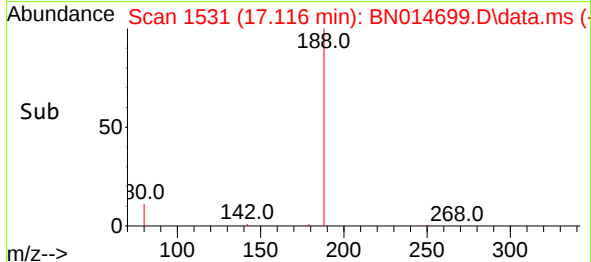
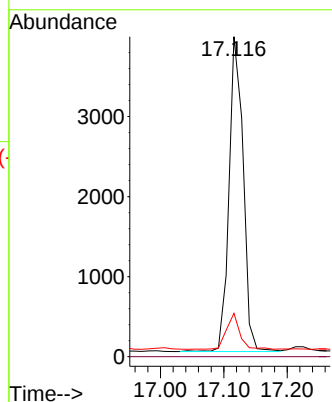
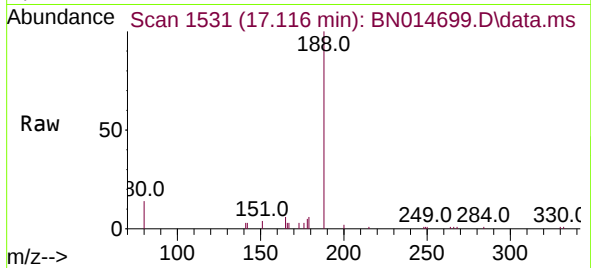




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

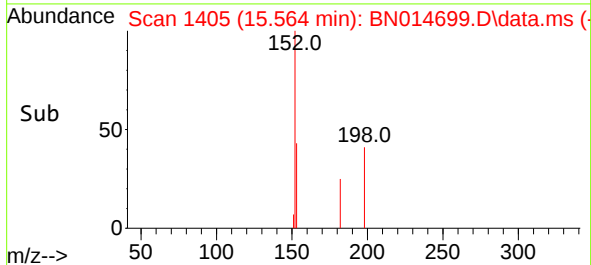
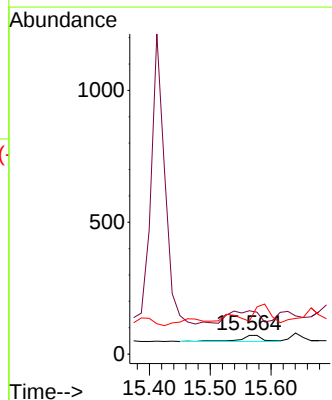
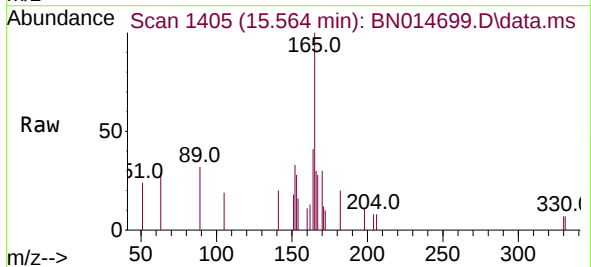
Instrument :
BNA_N
ClientSampled :
KTW-01

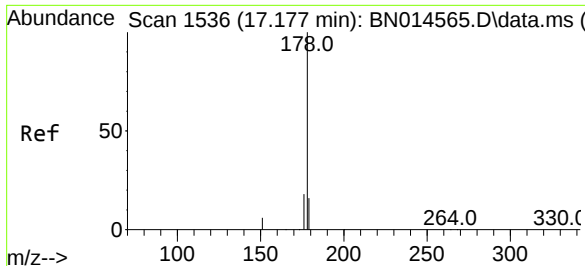
Tgt Ion:188 Resp: 6075
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 5.2 7.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.20 ng
RT: 15.564 min Scan# 1405
Delta R.T. 0.063 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

Tgt Ion:198 Resp: 57
Ion Ratio Lower Upper
198 100
51 231.0 865.3 1297.9#
105 176.1 93.6 140.4#

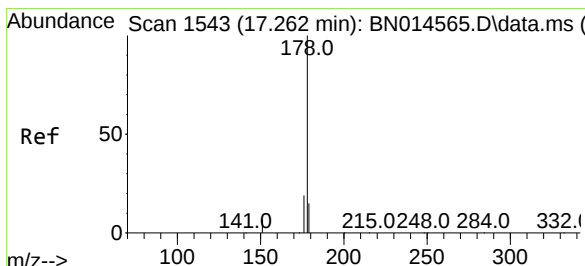
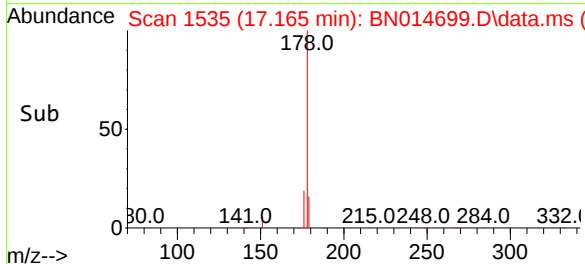
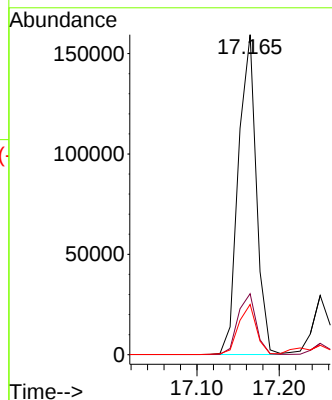
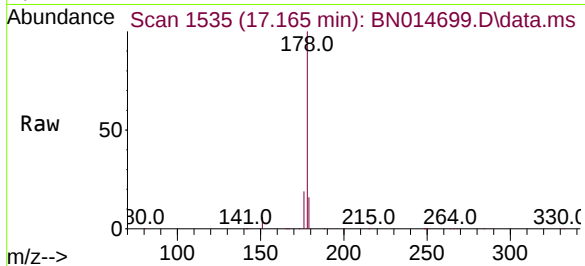




#25
Phenanthrene
Concen: 14.49 ng
RT: 17.165 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

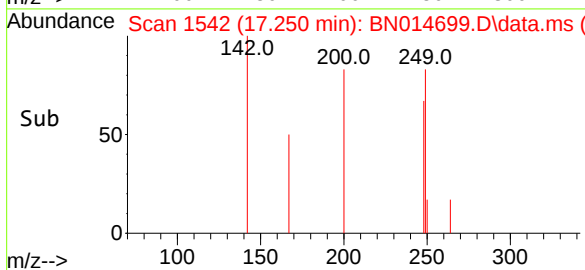
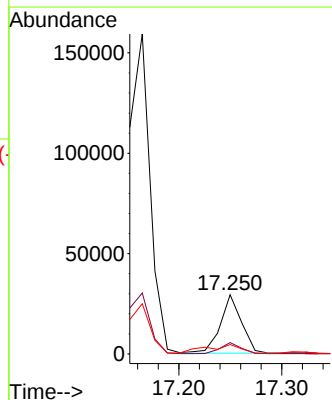
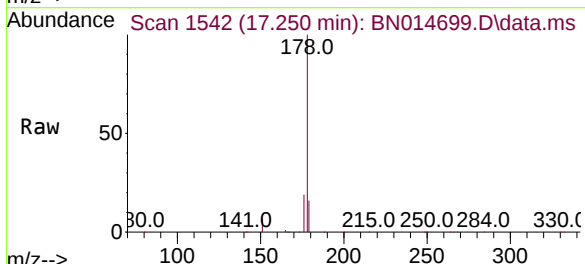
Instrument :
BNA_N
ClientSampleId :
KTW-01

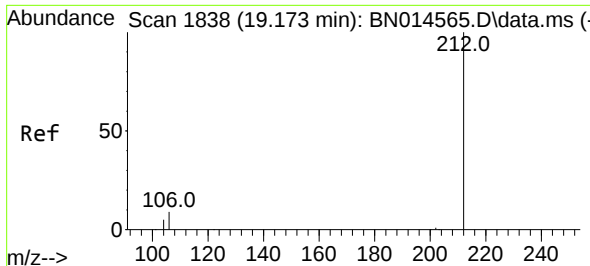
Tgt Ion:178 Resp: 241424
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 15.8 12.4 18.6



#26
Anthracene
Concen: 2.95 ng
RT: 17.250 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

Tgt Ion:178 Resp: 41251
Ion Ratio Lower Upper
178 100
176 19.1 14.8 22.2
179 25.3 12.2 18.2#

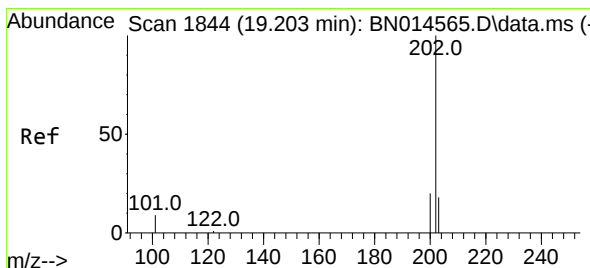
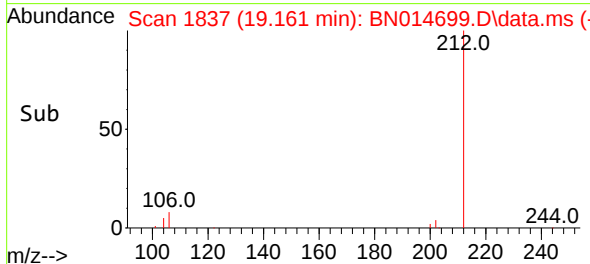
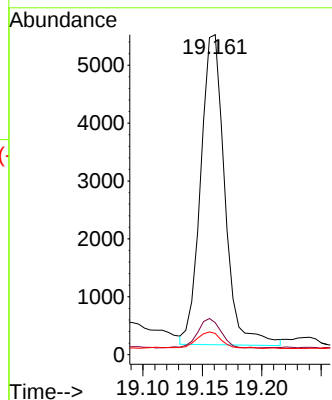
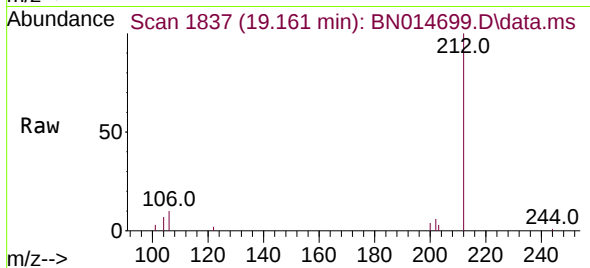




#27
Fluoranthene-d10
Concen: 0.28 ng
RT: 19.161 min Scan# 1837
Delta R.T. 0.002 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

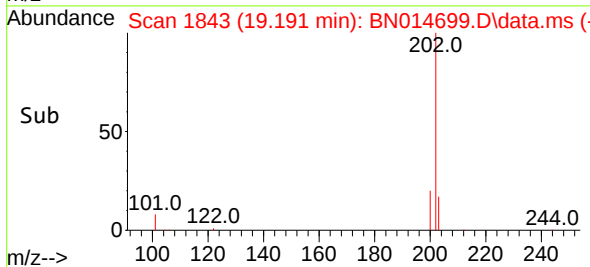
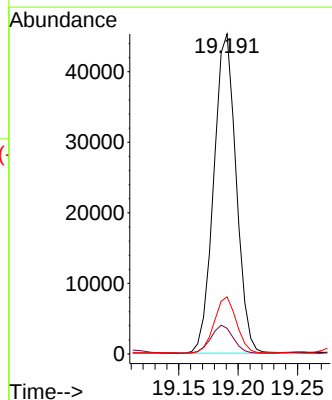
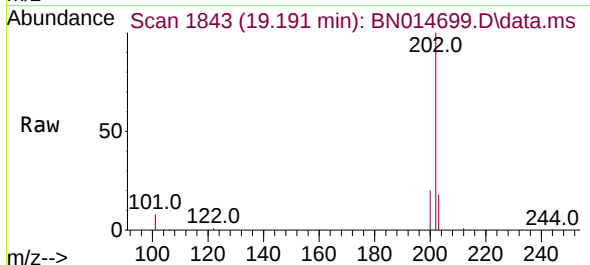
Instrument :
BNA_N
ClientSampleId :
KTW-01

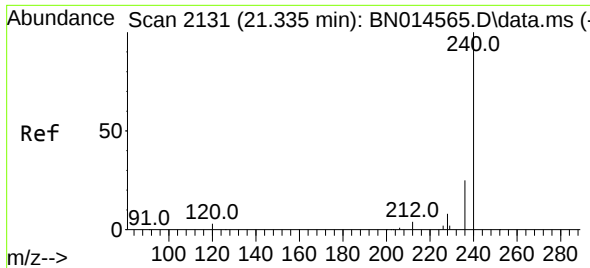
Tgt Ion:212 Resp: 7575
Ion Ratio Lower Upper
212 100
106 9.3 10.1 15.1#
104 5.0 5.4 8.2#



#28
Fluoranthene
Concen: 2.69 ng
RT: 19.191 min Scan# 1843
Delta R.T. 0.002 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

Tgt Ion:202 Resp: 59320
Ion Ratio Lower Upper
202 100
101 8.7 8.4 12.6
203 17.4 13.5 20.3

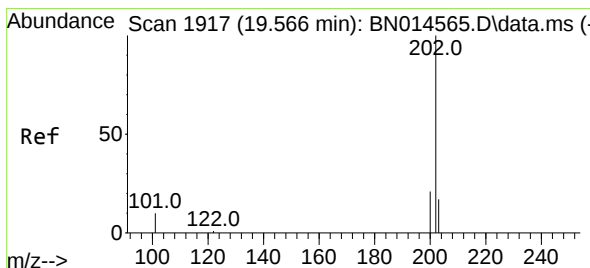
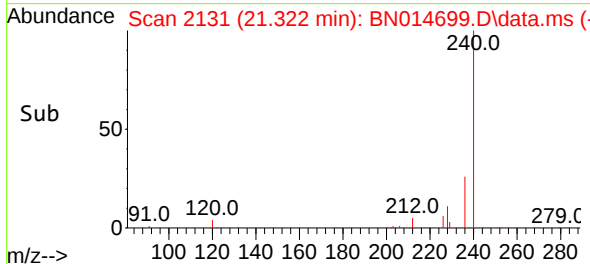
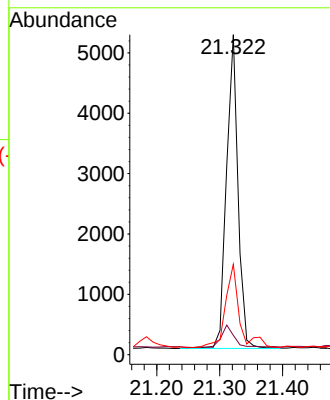
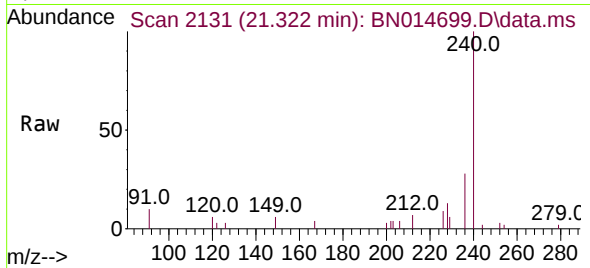




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.322 min Scan# 2131
Delta R.T. 0.008 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

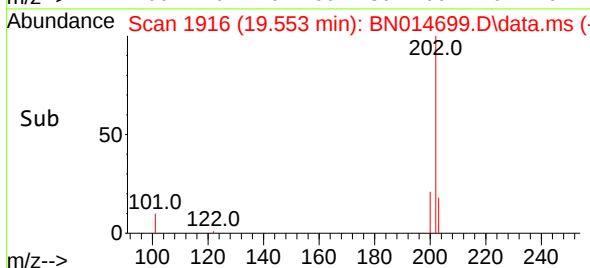
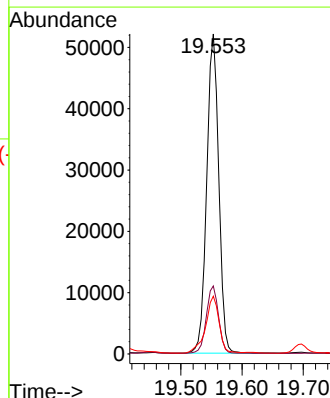
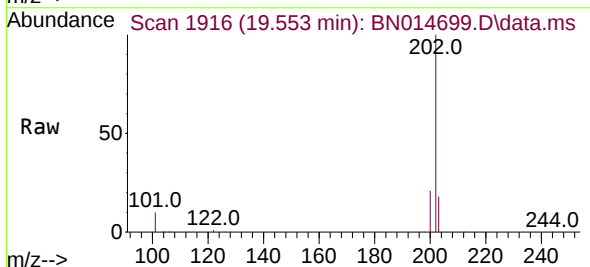
Instrument :
BNA_N
ClientSampleId :
KTW-01

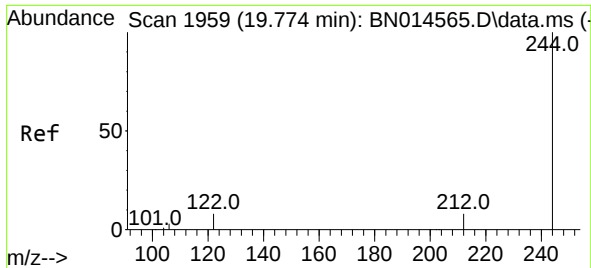
Tgt Ion:240 Resp: 6618
Ion Ratio Lower Upper
240 100
120 6.1 5.8 8.8
236 28.2 20.6 30.8



#30
Pyrene
Concen: 3.91 ng
RT: 19.553 min Scan# 1916
Delta R.T. 0.002 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

Tgt Ion:202 Resp: 71024
Ion Ratio Lower Upper
202 100
200 21.4 16.3 24.5
203 20.0 14.0 21.0

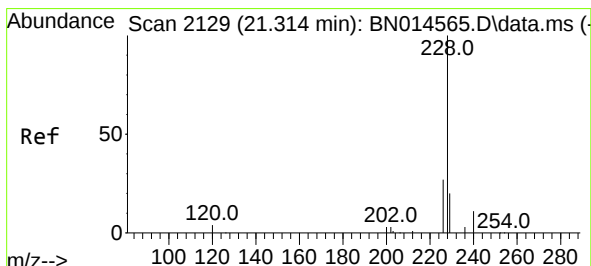
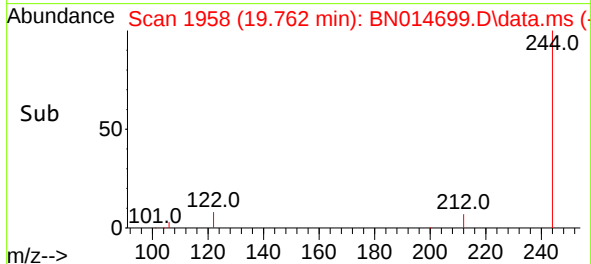
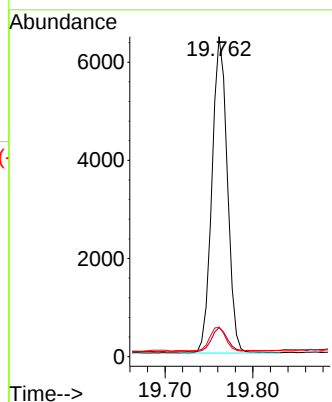
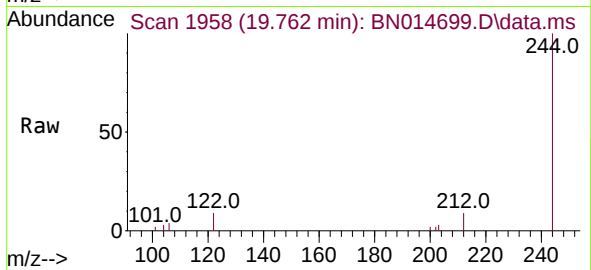




#31
Terphenyl-d14
Concen: 0.50 ng
RT: 19.762 min Scan# 1958
Delta R.T. 0.002 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

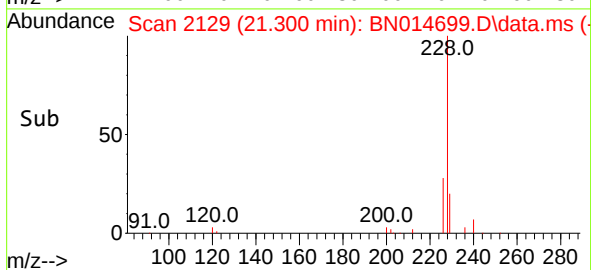
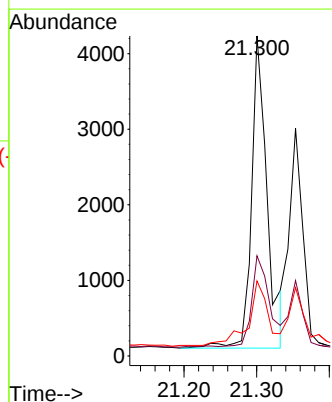
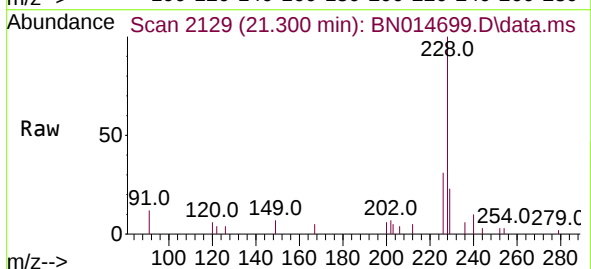
Instrument :
BNA_N
ClientSampleId :
KTW-01

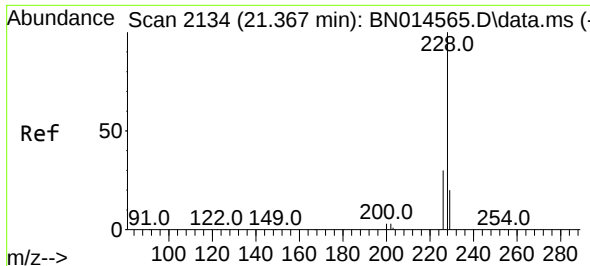
Tgt Ion:244 Resp: 7825
Ion Ratio Lower Upper
244 100
212 9.1 6.0 9.0#
122 9.3 9.3 13.9#



#32
Benzo(a)anthracene
Concen: 0.32 ng
RT: 21.300 min Scan# 2129
Delta R.T. -0.003 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

Tgt Ion:228 Resp: 6133
Ion Ratio Lower Upper
228 100
226 31.3 21.7 32.5
229 23.4 15.7 23.5

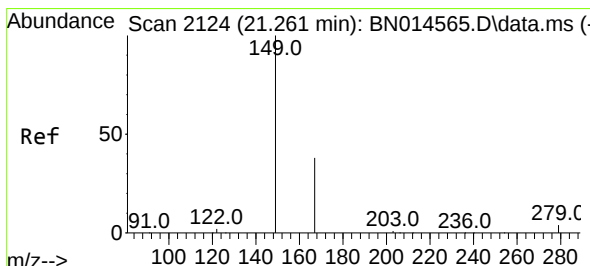
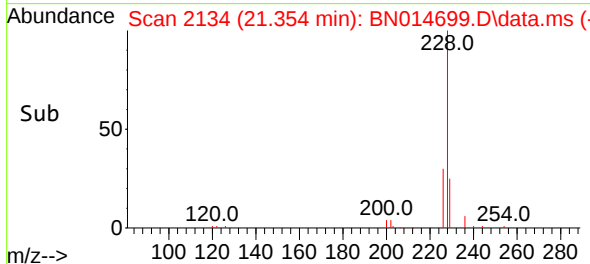
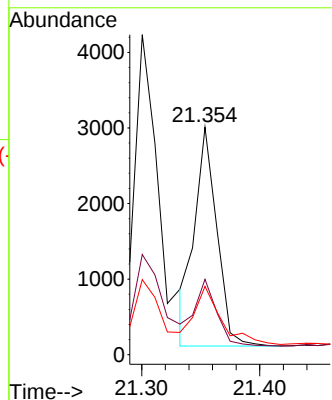
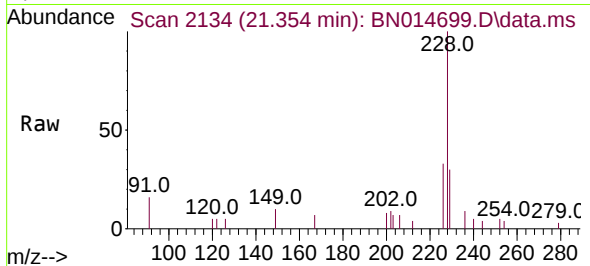




#33
Chrysene
Concen: 0.19 ng
RT: 21.354 min Scan# 2134
Delta R.T. -0.003 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

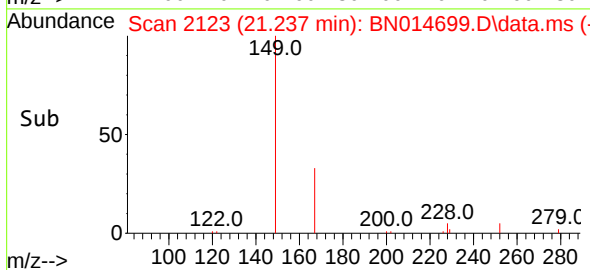
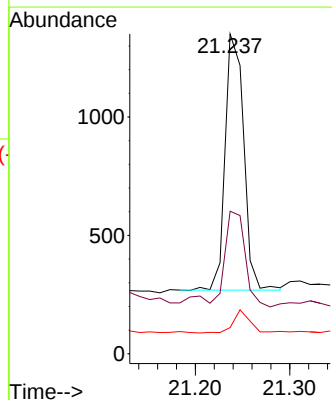
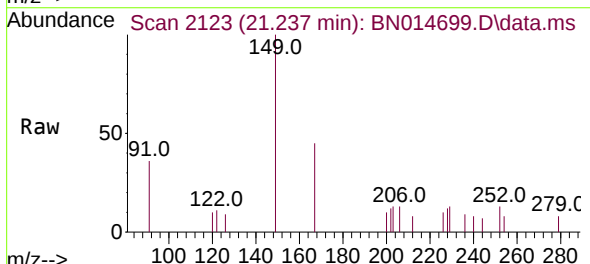
Instrument :
BNA_N
ClientSampleId :
KTW-01

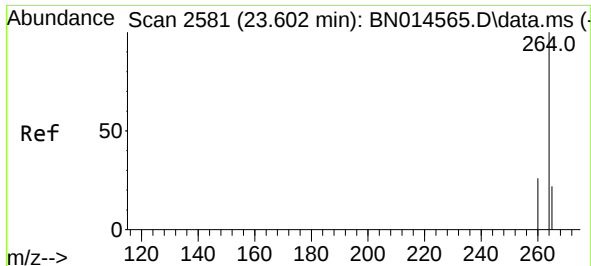
Tgt Ion:228 Resp: 3795
Ion Ratio Lower Upper
228 100
226 33.2 23.8 35.6
229 30.1 15.6 23.4#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.28 ng
RT: 21.237 min Scan# 2123
Delta R.T. -0.003 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

Tgt Ion:149 Resp: 1478
Ion Ratio Lower Upper
149 100
167 44.9 20.5 30.7#
279 8.1 2.9 4.3#

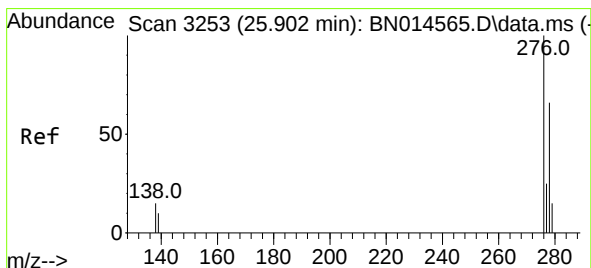
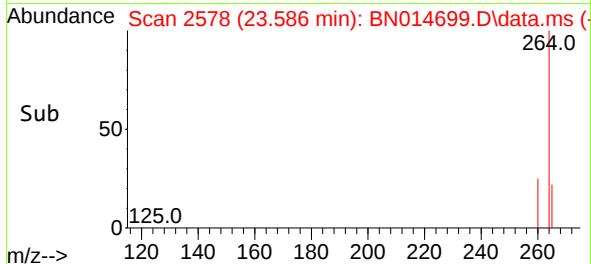
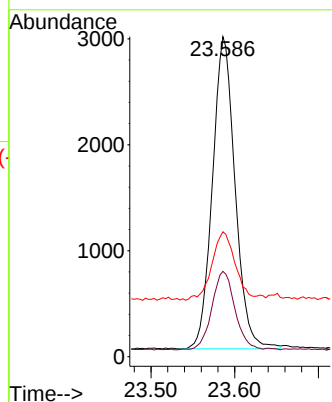
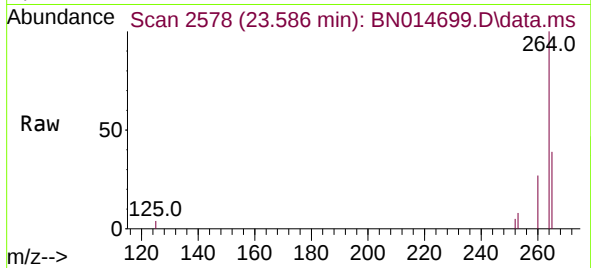




#35
Perylene-d12
Concen: 0.40 ng
RT: 23.586 min Scan# 2578
Delta R.T. 0.001 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

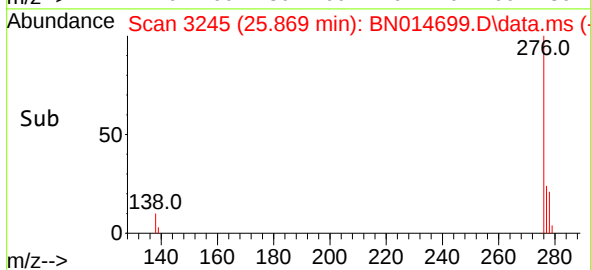
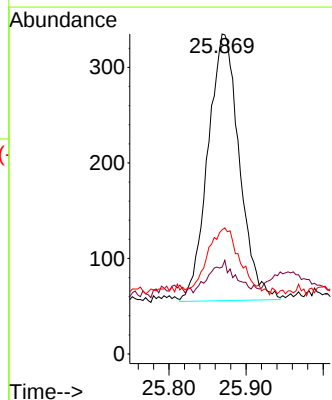
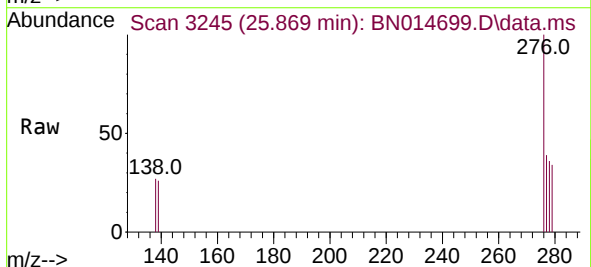
Instrument :
BNA_N
ClientSampled :
KTW-01

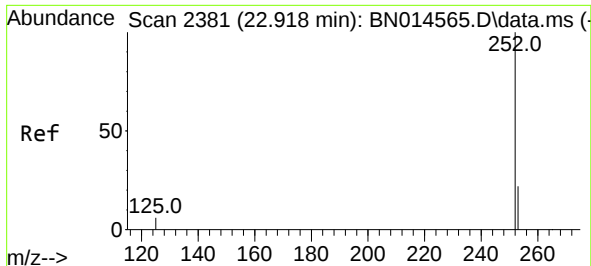
Tgt Ion:264	Resp:	5542
Ion Ratio	Lower	Upper
264	100	
260	26.6	19.5 29.3
265	39.0	35.4 53.0



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.04 ng
RT: 25.869 min Scan# 3245
Delta R.T. 0.001 min
Lab File: BN014699.D
Acq: 21 May 2021 18:36

Tgt Ion:276	Resp:	792
Ion Ratio	Lower	Upper
276	100	
138	9.7	18.8 28.2#
277	25.9	19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.12 ng

RT: 22.908 min Scan# 2380

Delta R.T. 0.008 min

Lab File: BN014699.D

Acq: 21 May 2021 18:36

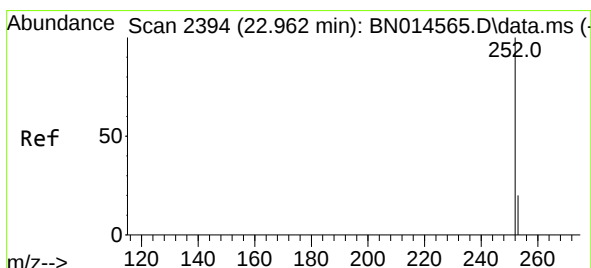
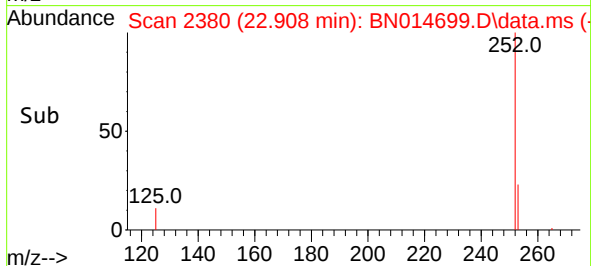
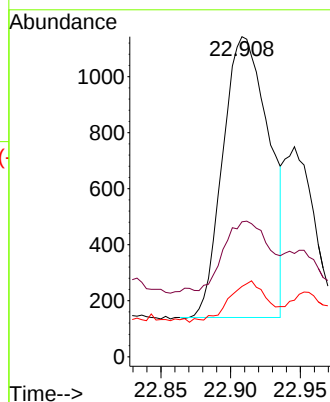
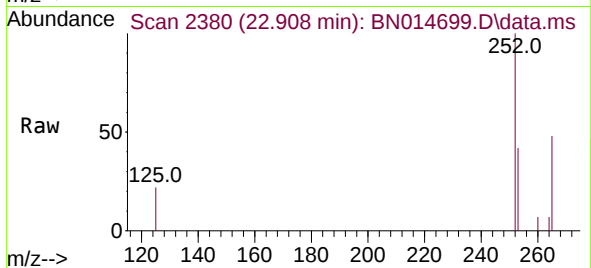
Tgt Ion:252	Resp:	2297
Ion Ratio	Lower	Upper
252	100	
253	42.2	19.6 29.4#
125	22.0	10.3 15.5#

Instrument :

BNA_N

ClientSampleId :

KTW-01



#38

Benzo(k)fluoranthene

Concen: 0.12 ng

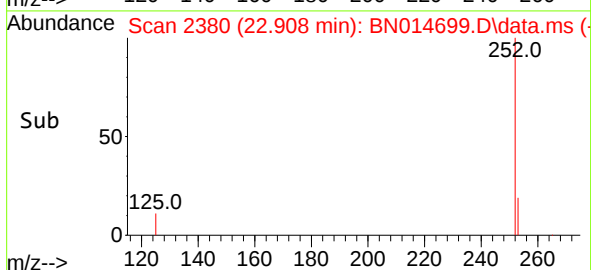
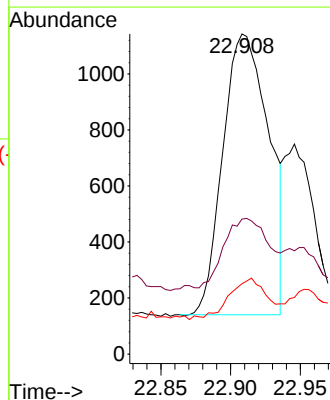
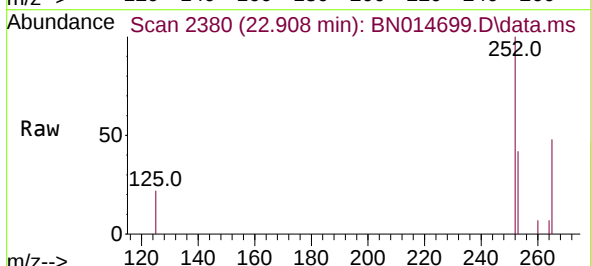
RT: 22.908 min Scan# 2380

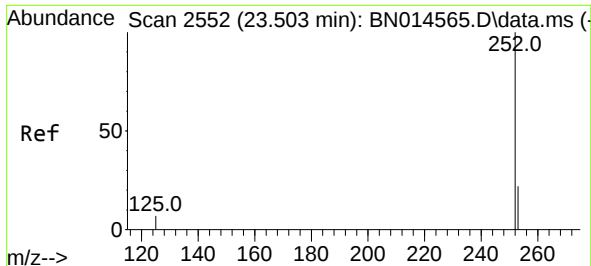
Delta R.T. -0.037 min

Lab File: BN014699.D

Acq: 21 May 2021 18:36

Tgt Ion:252	Resp:	2297
Ion Ratio	Lower	Upper
252	100	
253	42.2	19.7 29.5#
125	22.0	9.7 14.5#





#39

Benzo(a)pyrene

Concen: 0.10 ng

RT: 23.487 min Scan# 2549

Delta R.T. 0.004 min

Lab File: BN014699.D

Acq: 21 May 2021 18:36

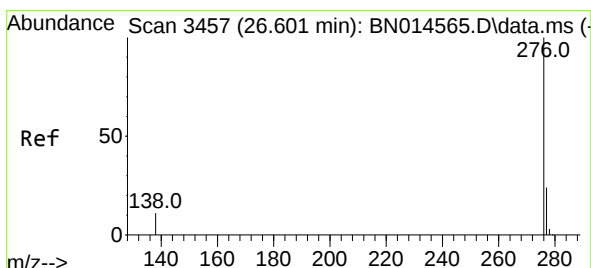
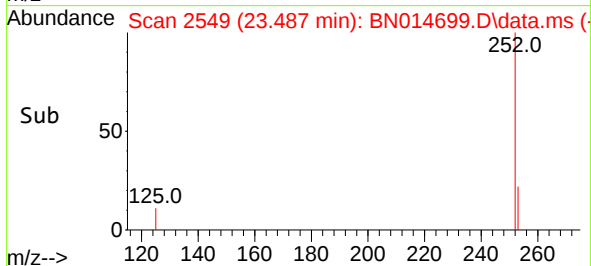
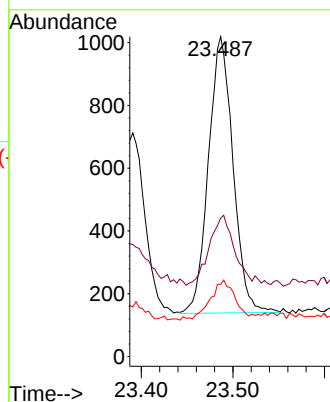
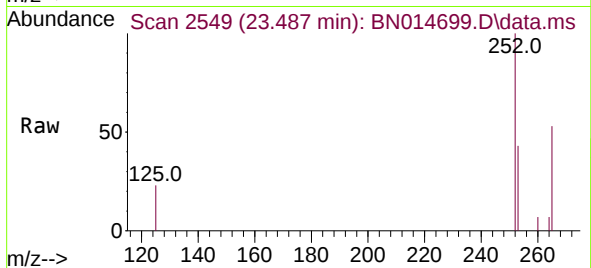
Tgt Ion:252	Resp:	1645
Ion Ratio	Lower	Upper
252	100	
253	43.3	21.8 32.6#
125	22.6	14.9 22.3#

Instrument :

BNA_N

ClientSampleId :

KTW-01



#41

Benzo(g,h,i)perylene

Concen: 0.04 ng

RT: 26.571 min Scan# 3450

Delta R.T. 0.004 min

Lab File: BN014699.D

Acq: 21 May 2021 18:36

Tgt Ion:276	Resp:	727
Ion Ratio	Lower	Upper
276	100	
277	39.4	19.6 29.4#
138	29.1	17.5 26.3#

