

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
 Data File : BN015331.D
 Acq On : 03 Jul 2021 13:14
 Operator : CG/JU
 Sample : M2838-19
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20210622

Quant Time: Jul 05 05:49:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

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

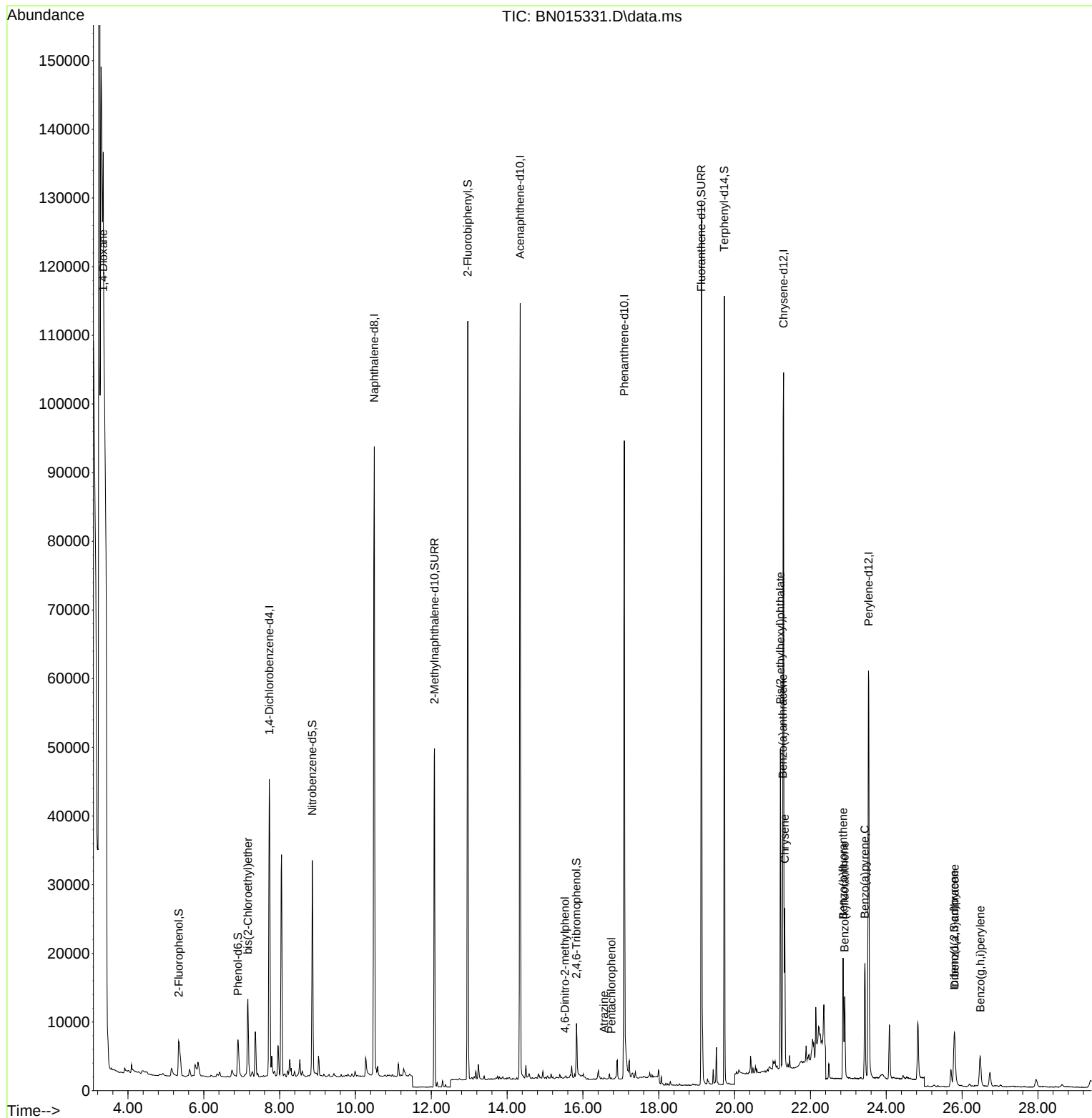
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	27734	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	128893	0.40	ng	# 0.00
13) Acenaphthene-d10	14.345	164	71531	0.40	ng	0.00
19) Phenanthrene-d10	17.090	188	137196	0.40	ng	# 0.00
29) Chrysene-d12	21.291	240	99857	0.40	ng	-0.01
35) Perylene-d12	23.532	264	82040	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.337	112	9544	0.14	ng	-0.03
5) Phenol-d6	6.895	99	6802	0.08	ng	0.00
8) Nitrobenzene-d5	8.860	82	27628	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.082	152	66553	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	7160	0.45	ng	-0.01
15) 2-Fluorobiphenyl	12.962	172	93420	0.32	ng	0.00
27) Fluoranthene-d10	19.122	212	147714	0.36	ng	-0.01
31) Terphenyl-d14	19.728	244	109947	0.47	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.345	88	17599	1.35	ng	# 42
6) bis(2-Chloroethyl)ether	7.163	93	10987	0.13	ng	# 84
20) 4,6-Dinitro-2-methylph...	15.525	198	11	0.20	ng	# 1
23) Atrazine	16.555	200	35	0.17	ng	# 24
24) Pentachlorophenol	16.750	266	66	0.25	ng	# 89
32) Benzo(a)anthracene	21.270	228	18307	0.05	ng	98
33) Chrysene	21.323	228	17570	0.05	ng	99
34) Bis(2-ethylhexyl)phtha...	21.206	149	43228	0.50	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.791	276	10647	0.04	ng	# 87
37) Benzo(b)fluoranthene	22.858	252	17148	0.05	ng	# 64
38) Benzo(k)fluoranthene	22.902	252	16095	0.05	ng	# 91
39) Benzo(a)pyrene	23.436	252	14455	0.05	ng	# 4
40) Dibenzo(a,h)anthracene	25.801	278	8126	0.04	ng	# 88
41) Benzo(g,h,i)perylene	26.479	276	9841	0.04	ng	# 85

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

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QLast Update : Thu Jul 01 09:06:31 2021
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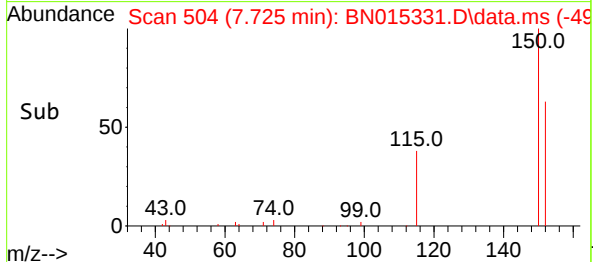
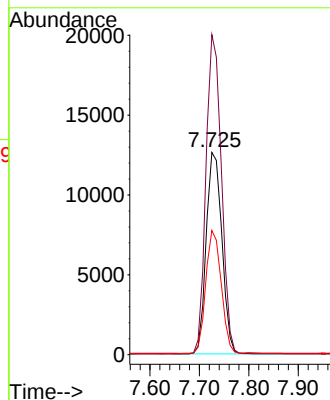
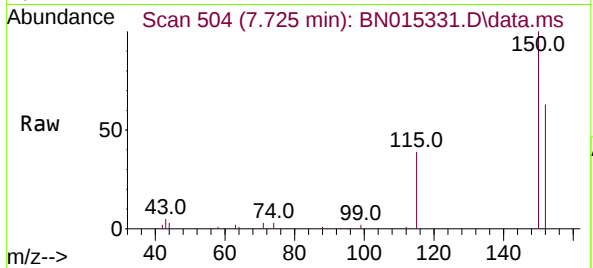




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.725 min Scan# 504
 Delta R.T. -0.007 min
 Lab File: BN015331.D
 Acq: 03 Jul 2021 13:14

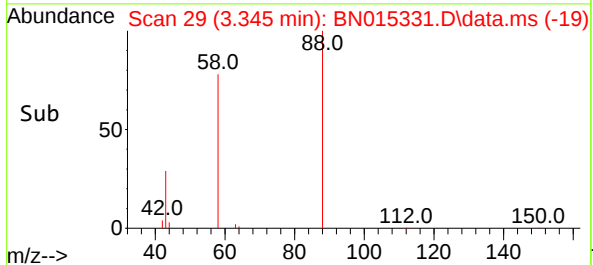
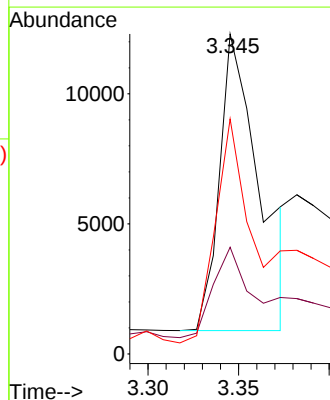
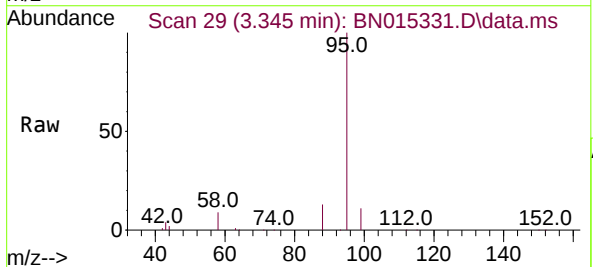
Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20210622

Tgt Ion: 152 Resp: 27734
 Ion Ratio Lower Upper
 152 100
 150 158.2 119.0 178.6
 115 61.4 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 1.35 ng
 RT: 3.345 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN015331.D
 Acq: 03 Jul 2021 13:14

Tgt Ion: 88 Resp: 17599
 Ion Ratio Lower Upper
 88 100
 43 61.7 12.9 19.3#
 58 75.5 38.1 57.1#

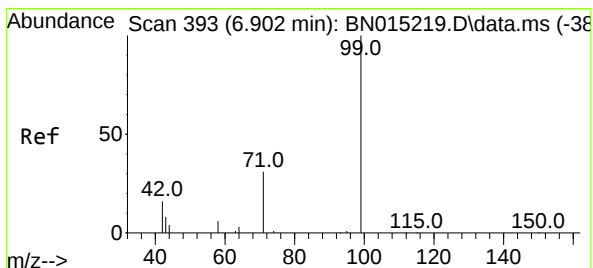
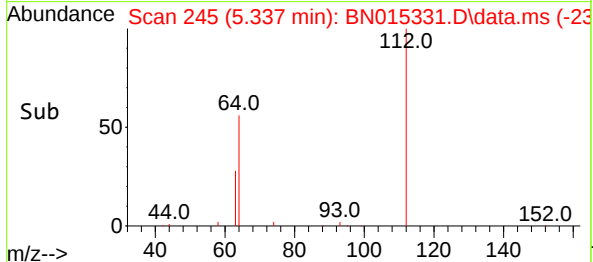
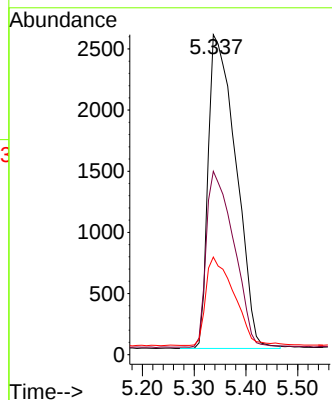
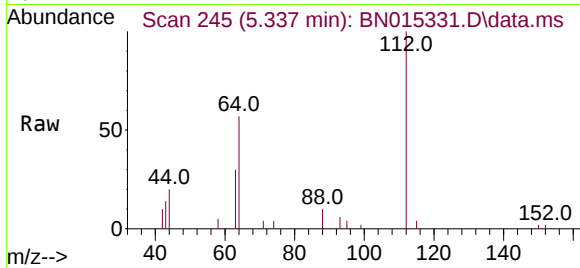




#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.337 min Scan# 245
Delta R.T. -0.025 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

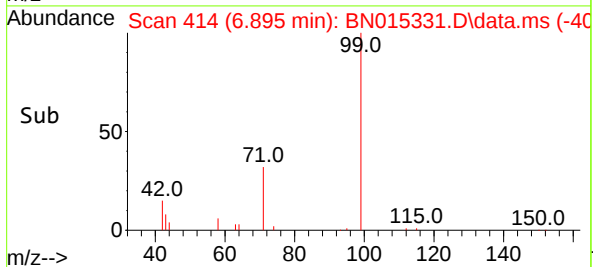
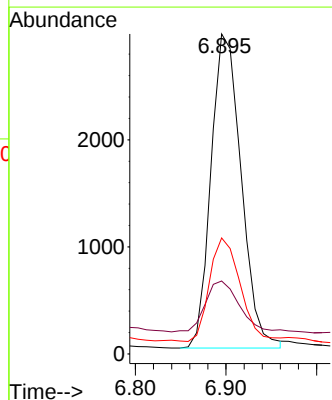
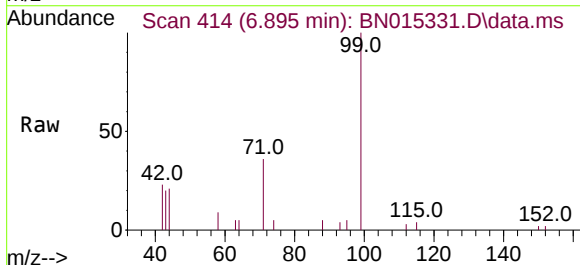
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BNA_N
ClientSampleId :
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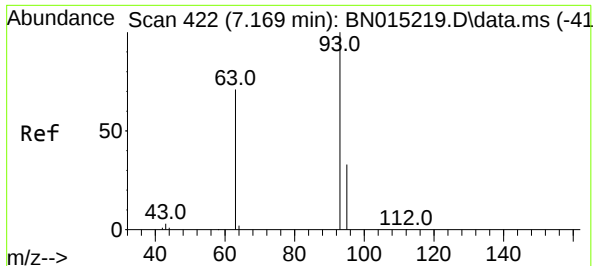
Tgt Ion:112	Resp:	9544
Ion	Ratio	Lower Upper
112	100	
64	55.6	39.0 58.6
63	28.6	20.6 30.8



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.895 min Scan# 414
Delta R.T. -0.007 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

Tgt Ion: 99	Resp:	6802
Ion	Ratio	Lower Upper
99	100	
42	17.8	8.9 13.3#
71	33.1	35.6 53.4#

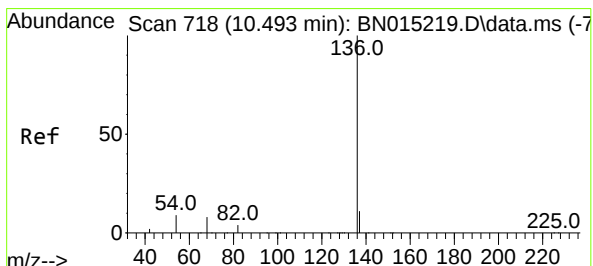
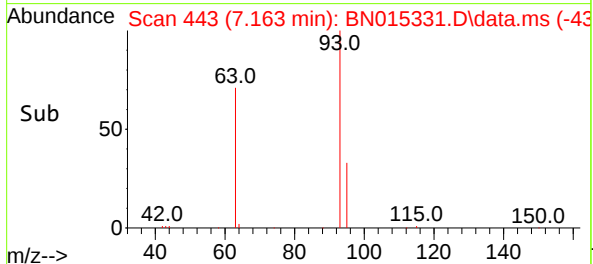
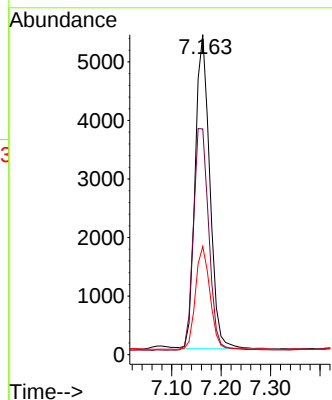
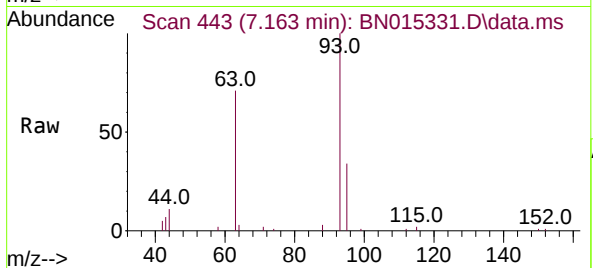




#6
bis(2-Chloroethyl)ether
Concen: 0.13 ng
RT: 7.163 min Scan# 443
Delta R.T. -0.007 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

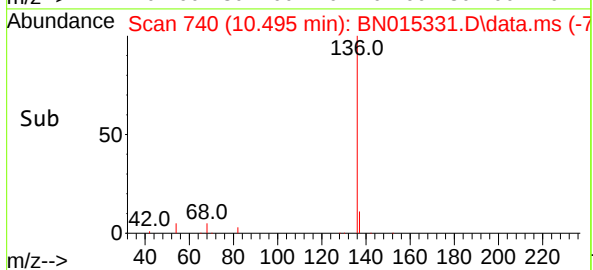
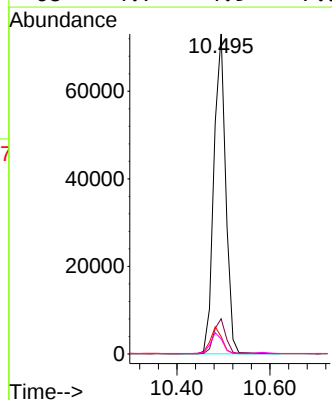
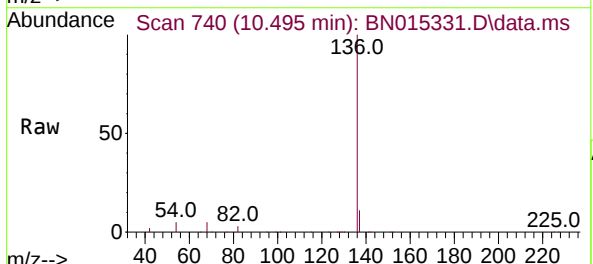
Instrument :
BNA_N
ClientSampleId :
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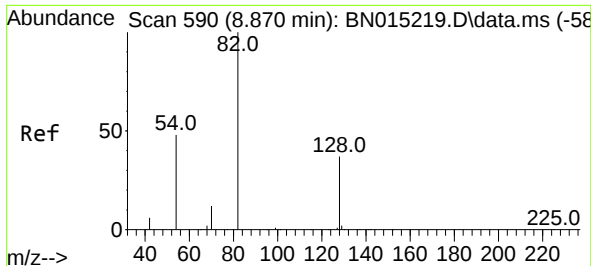
Tgt Ion:	93	Resp:	10987
Ion	Ratio	Lower	Upper
93	100		
63	74.7	46.6	70.0#
95	32.8	28.6	42.8



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

Tgt Ion:	136	Resp:	128893
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	5.4	5.4	8.2#
68	4.7	4.9	7.3#

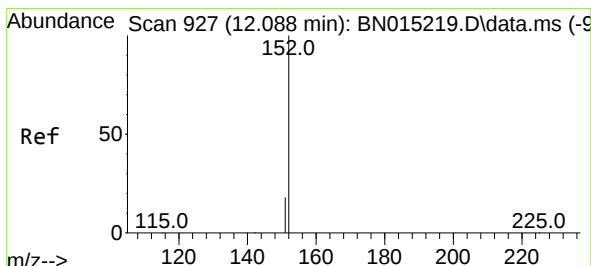
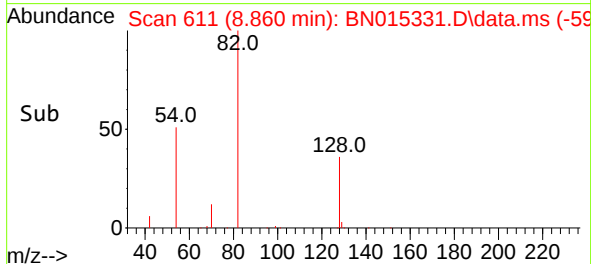
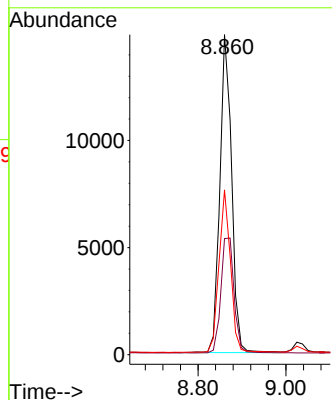
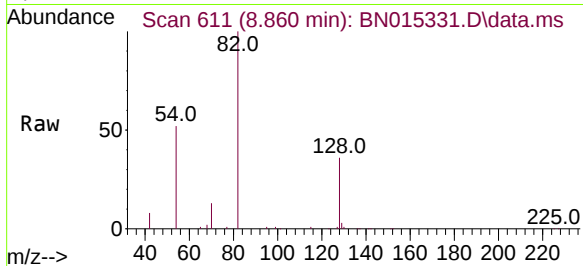




#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.860 min Scan# 611
Delta R.T. -0.010 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

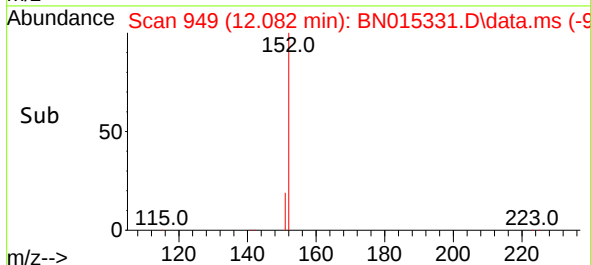
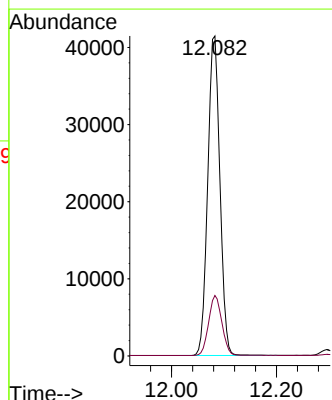
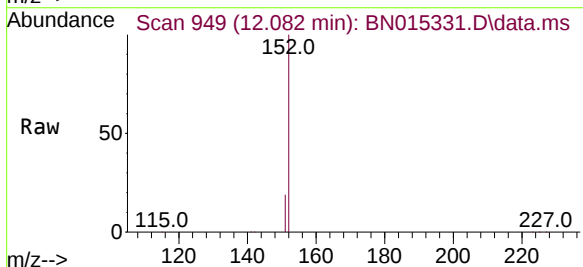
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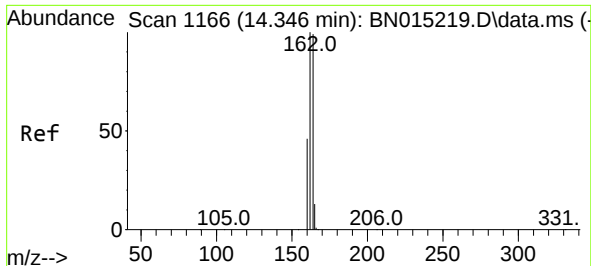
Tgt Ion: 82 Resp: 27628
Ion Ratio Lower Upper
82 100
128 36.3 31.6 47.4
54 51.5 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.082 min Scan# 949
Delta R.T. -0.006 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

Tgt Ion: 152 Resp: 66553
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1

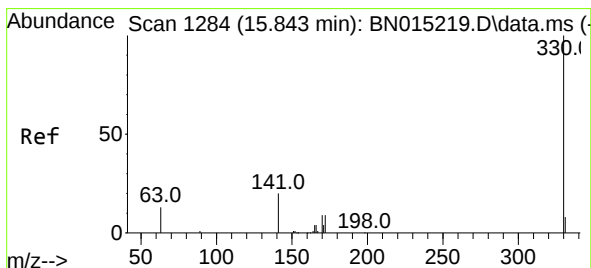
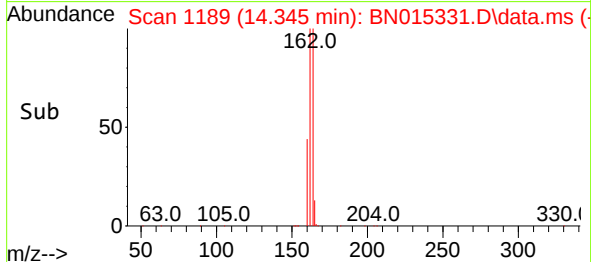
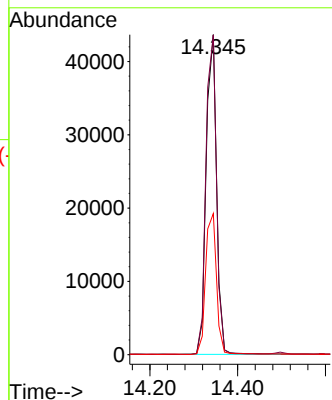
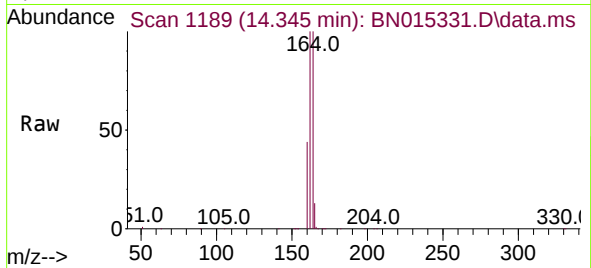




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

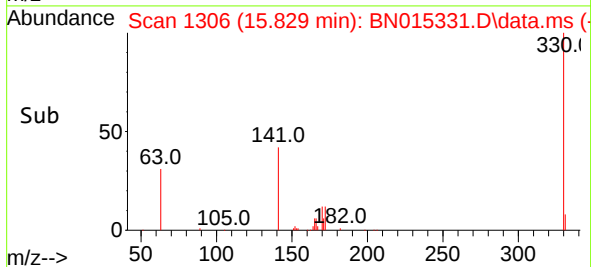
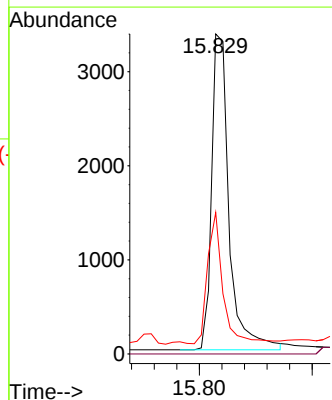
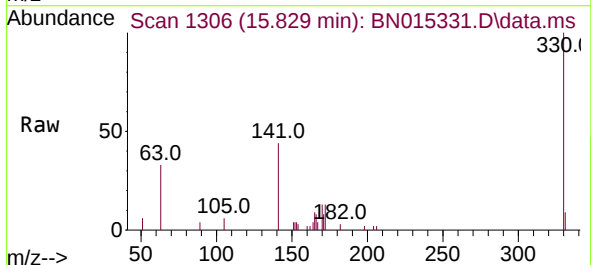
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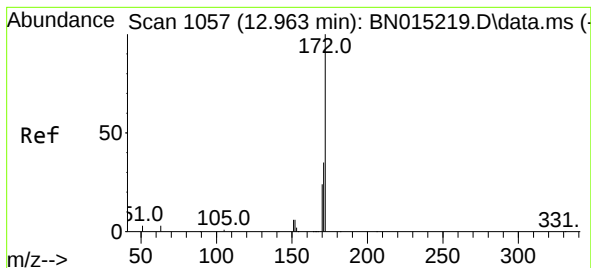
Tgt Ion:164 Resp: 71531
Ion Ratio Lower Upper
164 100
162 100.0 83.8 125.6
160 44.1 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.45 ng
RT: 15.829 min Scan# 1306
Delta R.T. -0.014 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

Tgt Ion:330 Resp: 7160
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.0 22.4 33.6#

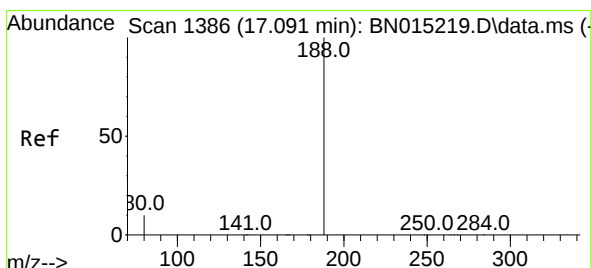
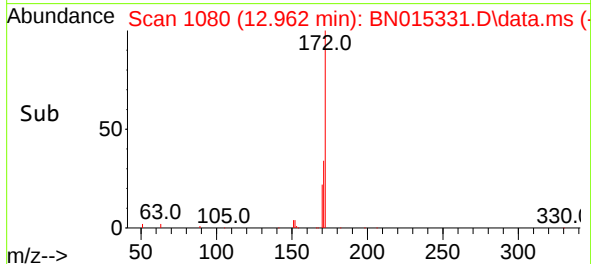
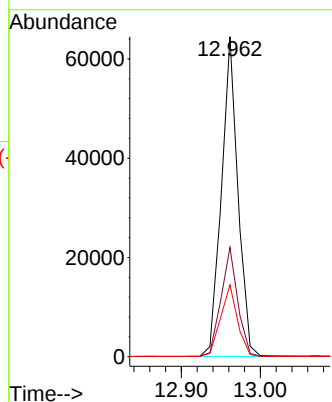
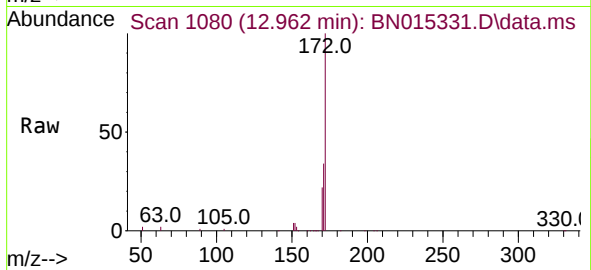




#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

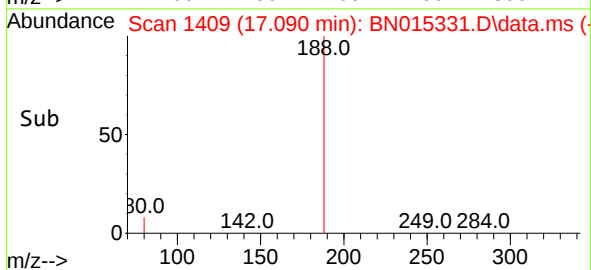
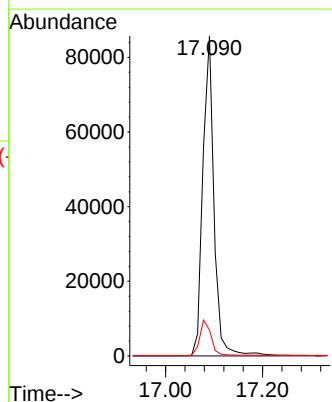
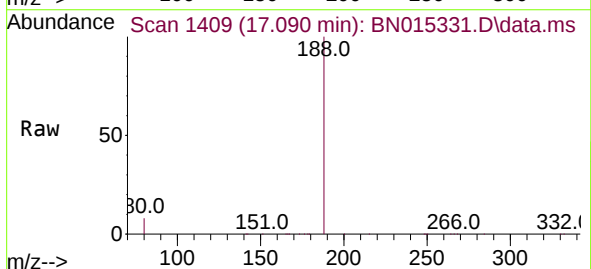
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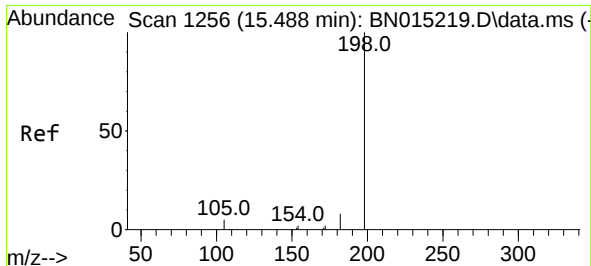
Tgt Ion:172 Resp: 93420
Ion Ratio Lower Upper
172 100
171 34.2 30.6 45.8
170 22.4 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.090 min Scan# 1409
Delta R.T. -0.001 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

Tgt Ion:188 Resp: 137196
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 9.0 13.4#

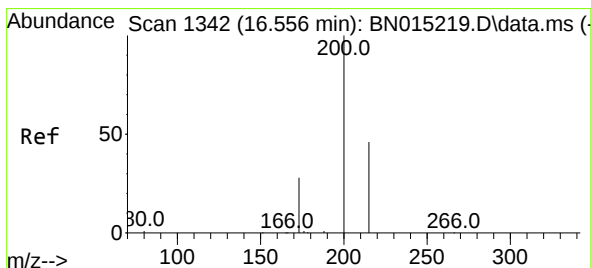
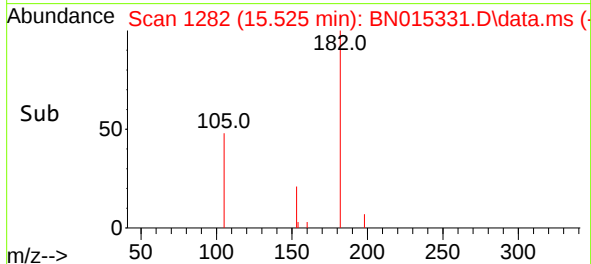
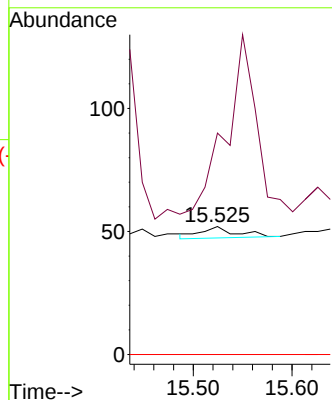
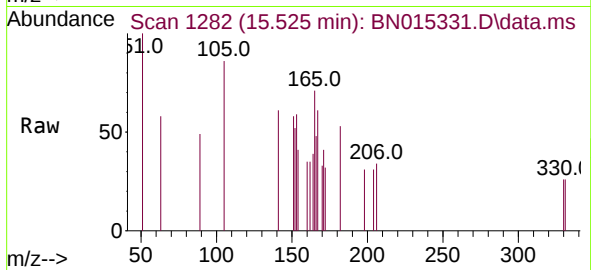




#20
4,6-Dinitro-2-methylphenol
Concen: 0.20 ng
RT: 15.525 min Scan# 1282
Delta R.T. 0.037 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

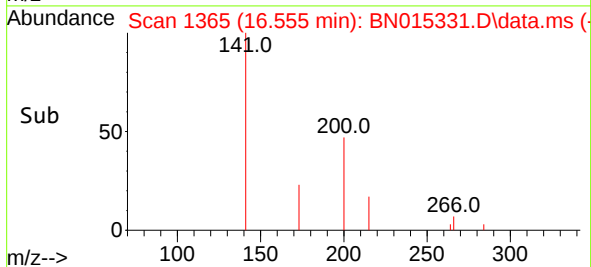
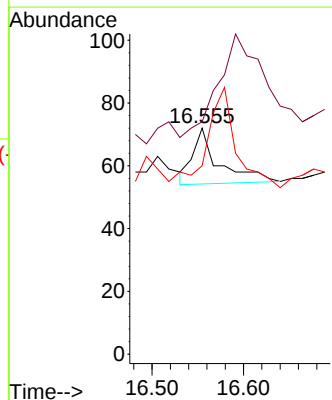
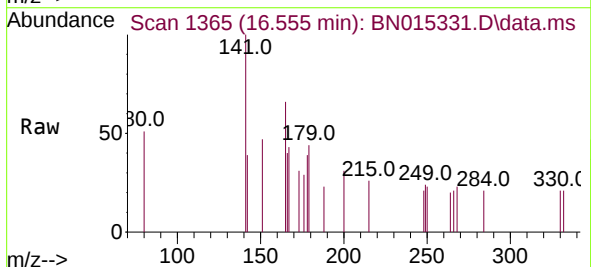
Instrument :
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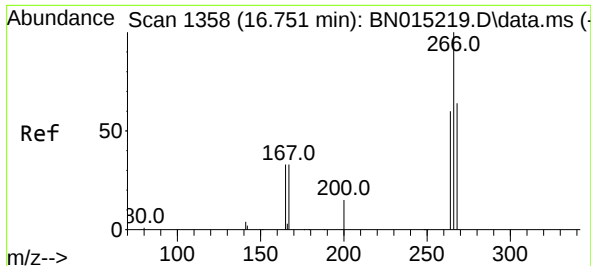
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
182 173.1 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.555 min Scan# 1365
Delta R.T. -0.001 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

Tgt Ion:200 Resp: 35
Ion Ratio Lower Upper
200 100
173 102.8 21.7 32.5#
215 83.3 43.1 64.7#

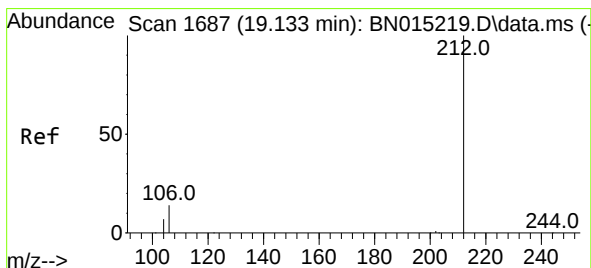
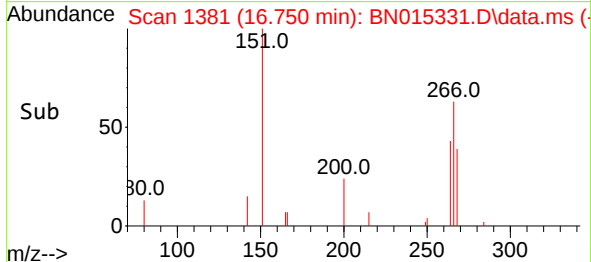
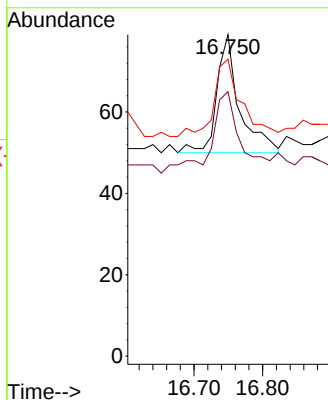
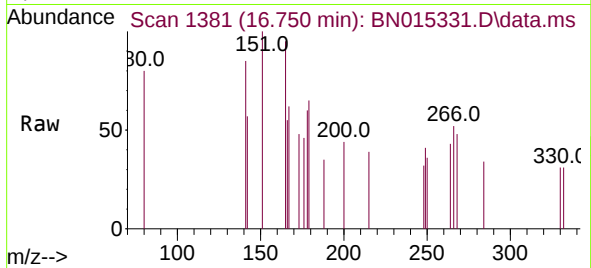




#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.750 min Scan# 1381
Delta R.T. -0.002 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

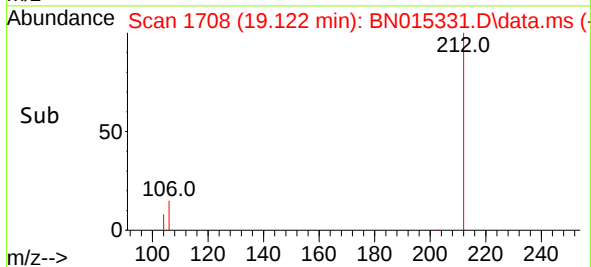
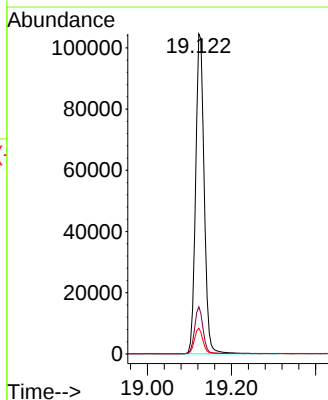
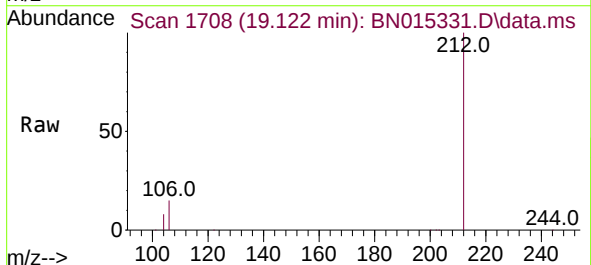
Instrument :
BNA_N
ClientSampleId :
RE104D2-20210622

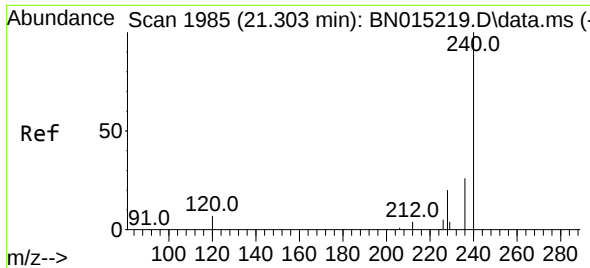
Tgt Ion:266	Resp:	66
Ion Ratio	Lower	Upper
266	100	
264	62.1	51.0 76.4
268	78.8	50.6 76.0#



#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.122 min Scan# 1708
Delta R.T. -0.011 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

Tgt Ion:212	Resp:	147714
Ion Ratio	Lower	Upper
212	100	
106	14.4	7.0 10.6#
104	7.9	4.1 6.1#

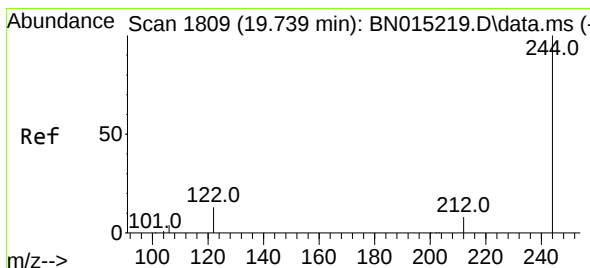
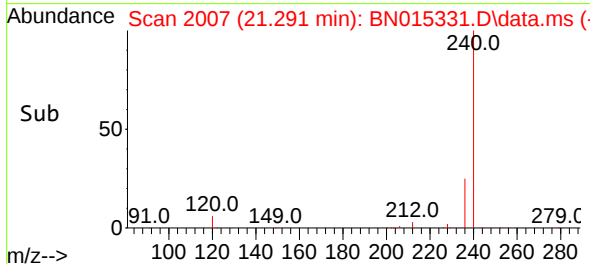
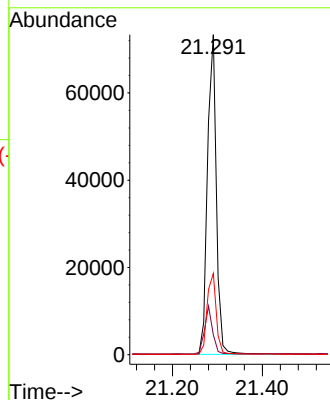
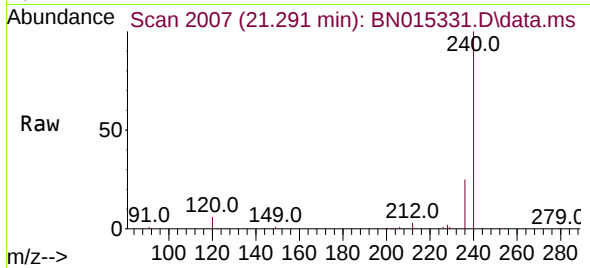




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

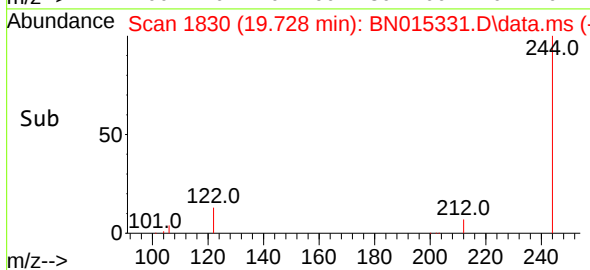
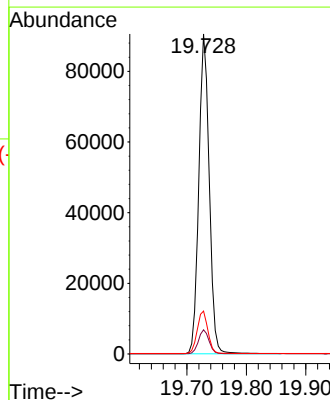
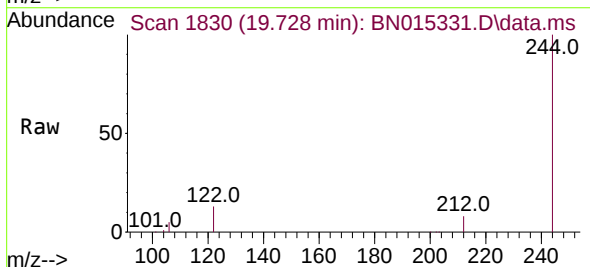
Instrument :
BNA_N
ClientSampleId :
RE104D2-20210622

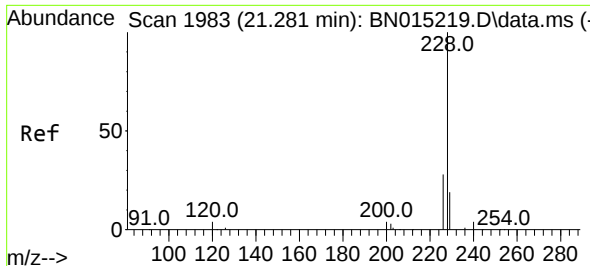
Tgt Ion:240 Resp: 99857
Ion Ratio Lower Upper
240 100
120 6.2 4.2 6.4
236 25.4 21.4 32.2



#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.728 min Scan# 1830
Delta R.T. -0.011 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

Tgt Ion:244 Resp: 109947
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 13.4 6.2 9.2#

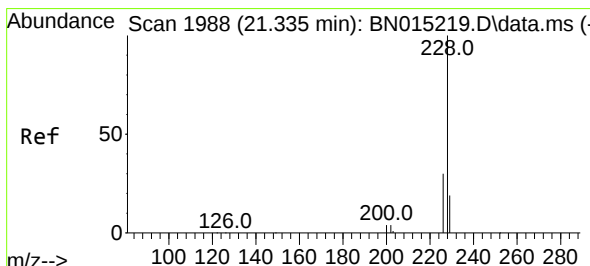
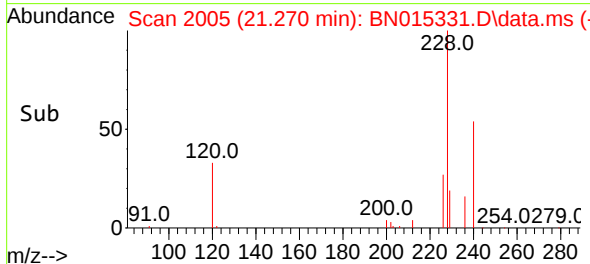
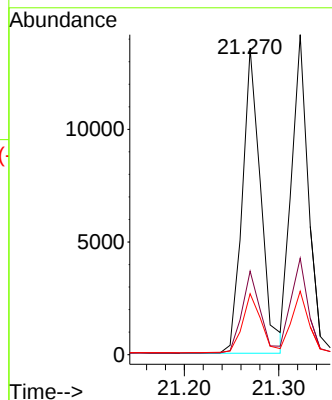
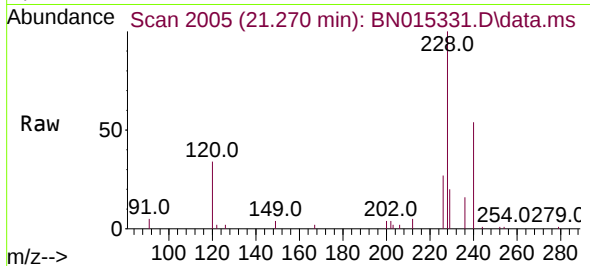




#32
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.270 min Scan# 2005
Delta R.T. -0.011 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

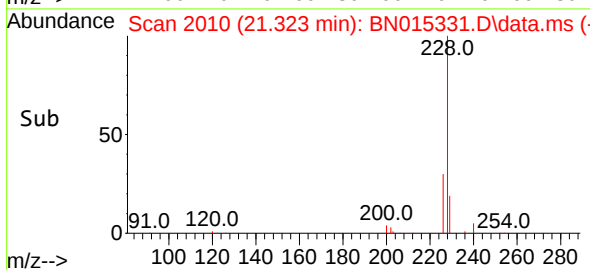
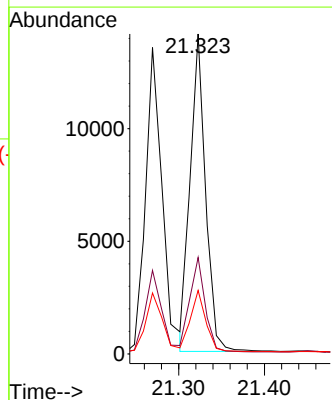
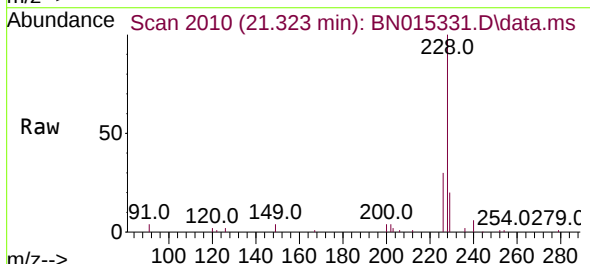
Instrument :
BNA_N
ClientSampleId :
RE104D2-20210622

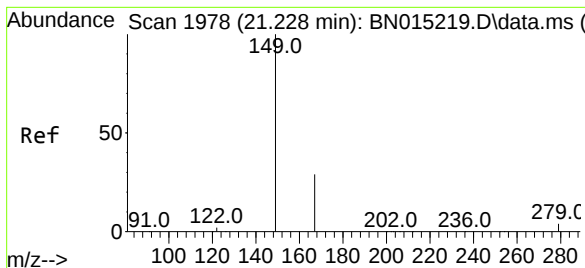
Tgt Ion:228 Resp: 18307
Ion Ratio Lower Upper
228 100
226 27.2 23.0 34.6
229 19.9 15.7 23.5



#33
Chrysene
Concen: 0.05 ng
RT: 21.323 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

Tgt Ion:228 Resp: 17570
Ion Ratio Lower Upper
228 100
226 30.1 25.0 37.6
229 19.9 15.9 23.9

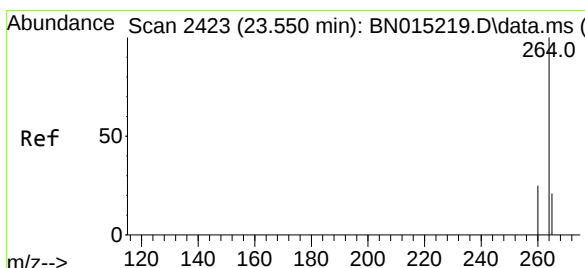
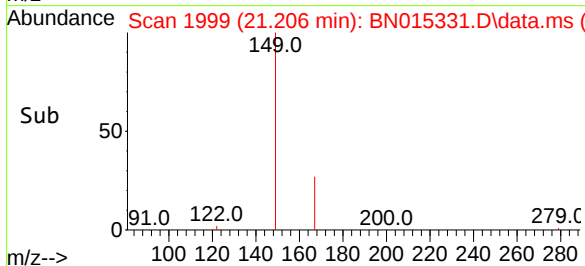
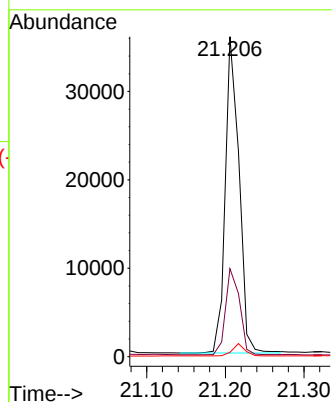
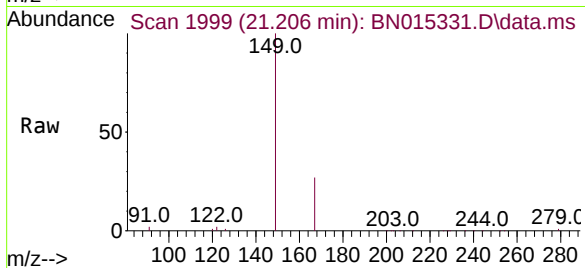




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.50 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.022 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

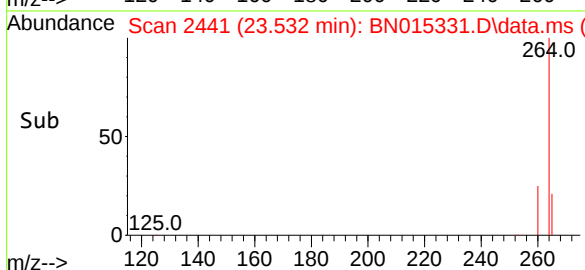
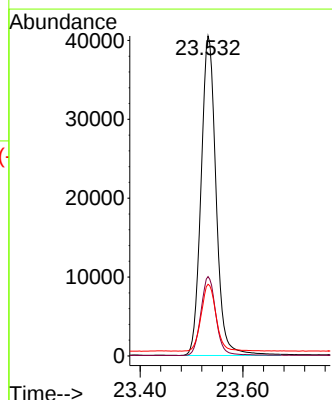
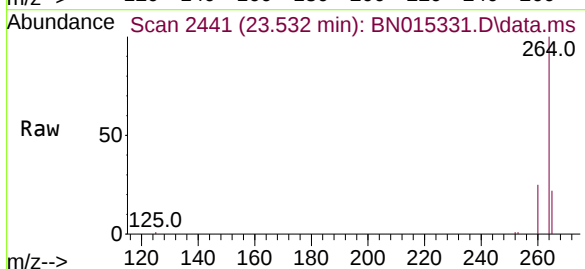
Instrument :
BNA_N
ClientSampleId :
RE104D2-20210622

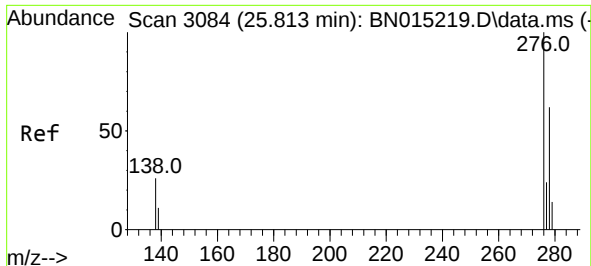
Tgt Ion:149 Resp: 43228
Ion Ratio Lower Upper
149 100
167 27.8 28.9 43.3#
279 3.5 4.9 7.3#



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.532 min Scan# 2441
Delta R.T. -0.018 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

Tgt Ion:264 Resp: 82040
Ion Ratio Lower Upper
264 100
260 24.8 20.6 31.0
265 22.4 21.4 32.2

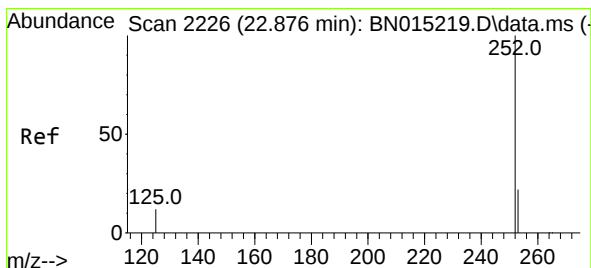
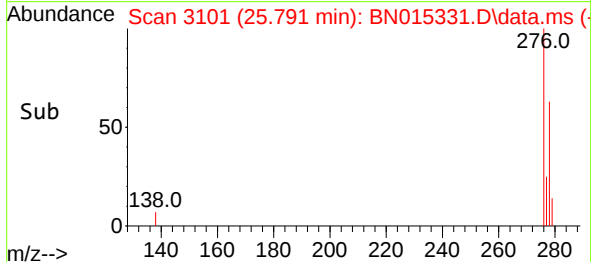
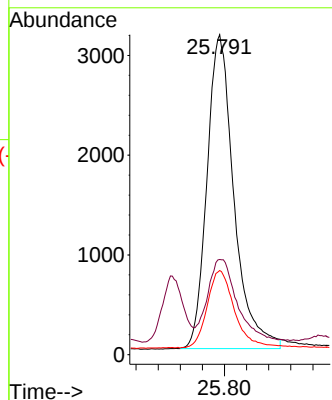
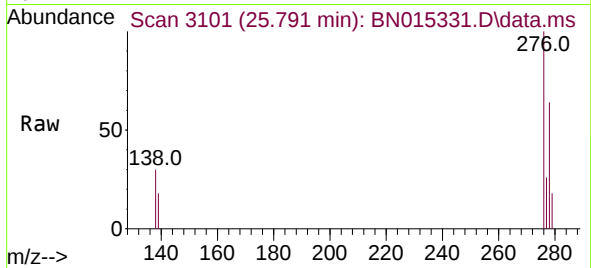




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.04 ng
RT: 25.791 min Scan# 3101
Delta R.T. -0.022 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

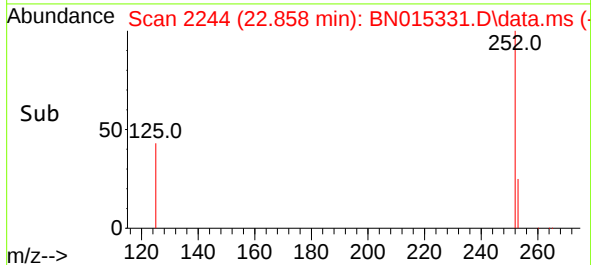
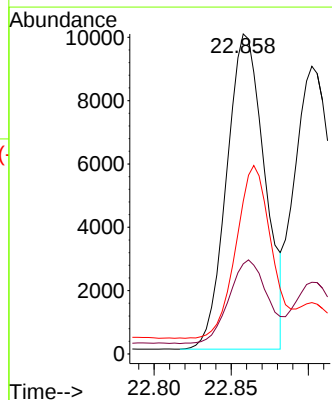
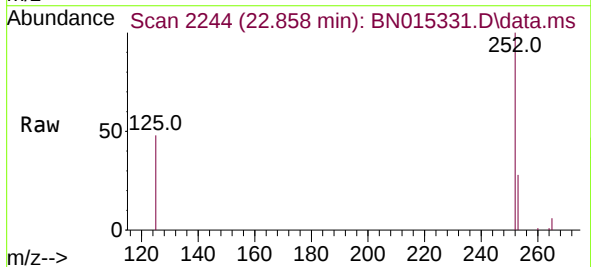
Instrument :
BNA_N
ClientSampleId :
RE104D2-20210622

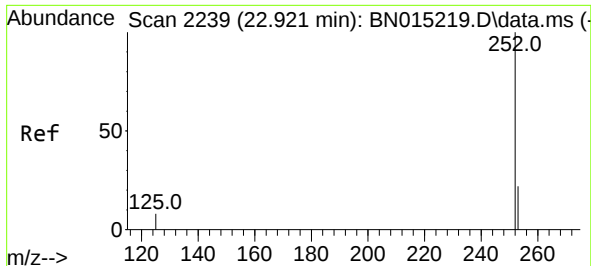
Tgt Ion:276 Resp: 10647
Ion Ratio Lower Upper
276 100
138 27.3 10.0 15.0#
277 24.9 20.4 30.6



#37
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 22.858 min Scan# 2244
Delta R.T. -0.018 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

Tgt Ion:252 Resp: 17148
Ion Ratio Lower Upper
252 100
253 28.2 18.5 27.7#
125 47.7 5.8 8.6#

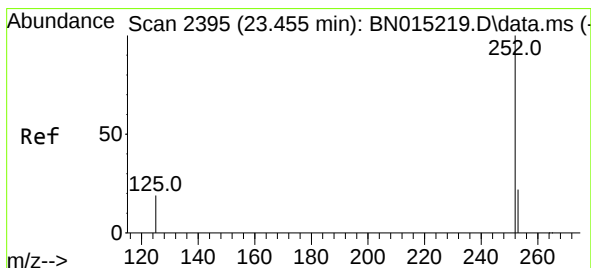
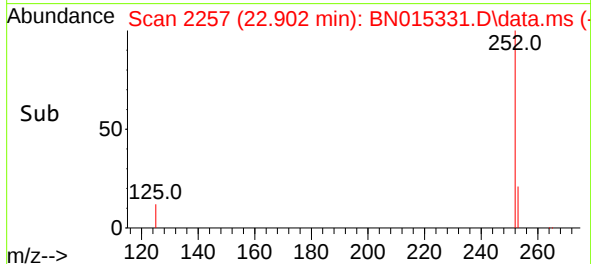
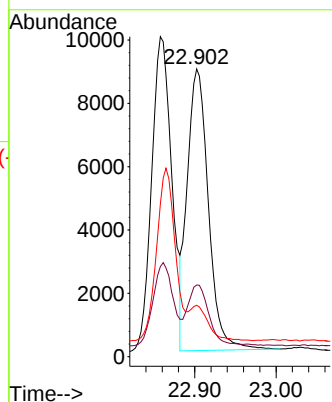
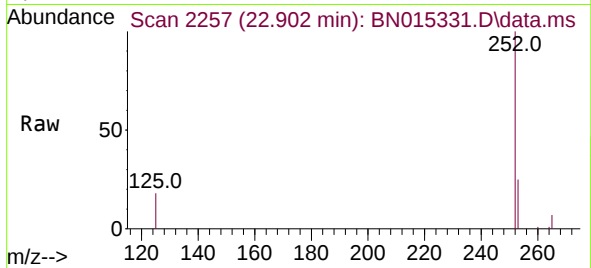




#38
Benzo(k)fluoranthene
Concen: 0.05 ng
RT: 22.902 min Scan# 2257
Delta R.T. -0.018 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

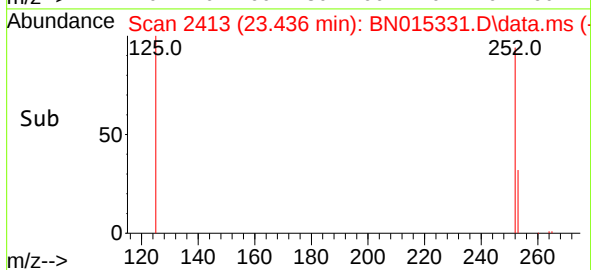
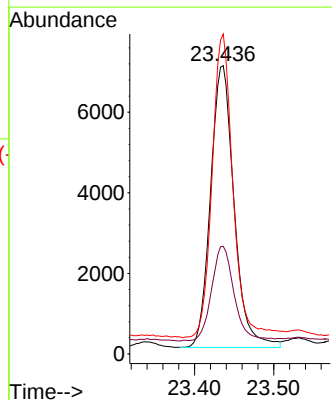
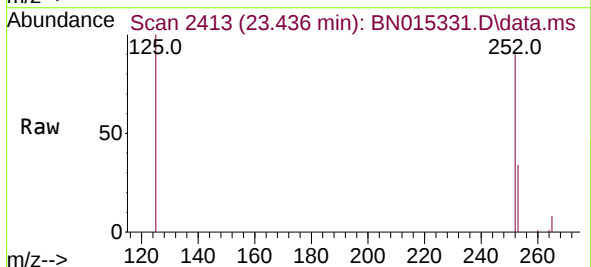
Instrument :
BNA_N
ClientSampleId :
RE104D2-20210622

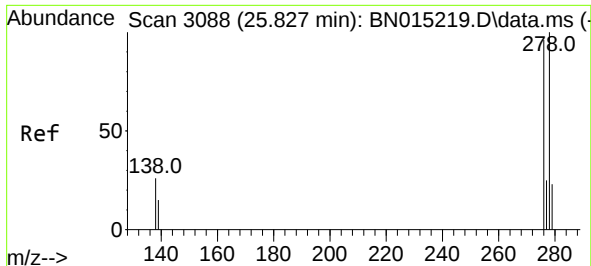
Tgt Ion:252 Resp: 16095
Ion Ratio Lower Upper
252 100
253 24.9 19.1 28.7
125 17.8 5.4 8.0#



#39
Benzo(a)pyrene
Concen: 0.05 ng
RT: 23.436 min Scan# 2413
Delta R.T. -0.018 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

Tgt Ion:252 Resp: 14455
Ion Ratio Lower Upper
252 100
253 37.4 19.4 29.2#
125 111.0 7.4 11.2#

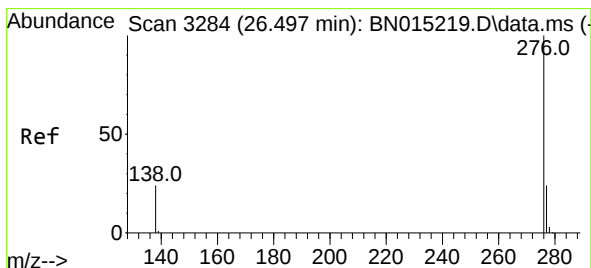
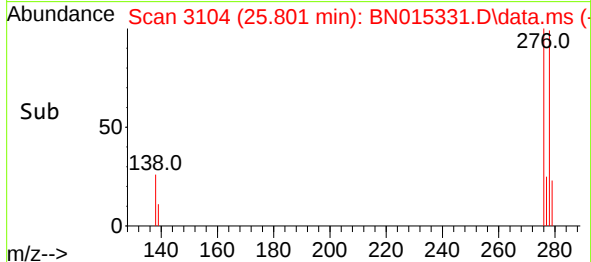
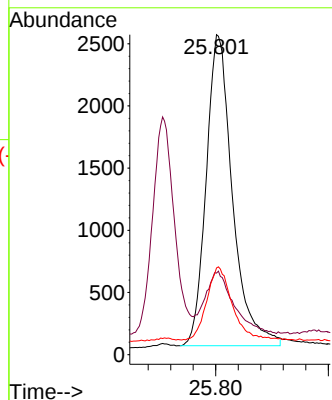
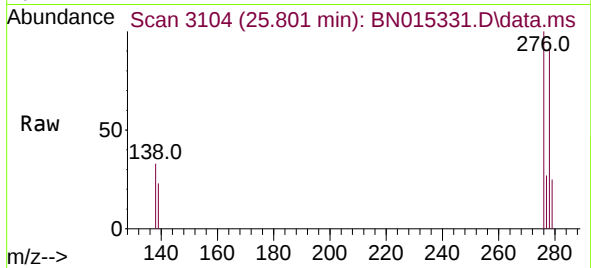




#40
Dibenzo(a,h)anthracene
Concen: 0.04 ng
RT: 25.801 min Scan# 3104
Delta R.T. -0.025 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

Instrument :
BNA_N
ClientSampleId :
RE104D2-20210622

Tgt Ion:278 Resp: 8126
Ion Ratio Lower Upper
278 100
139 25.5 9.0 13.4#
279 27.1 21.0 31.4



#41
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 26.479 min Scan# 3302
Delta R.T. -0.018 min
Lab File: BN015331.D
Acq: 03 Jul 2021 13:14

Tgt Ion:276 Resp: 9841
Ion Ratio Lower Upper
276 100
277 25.6 19.7 29.5
138 27.9 9.8 14.6#

