

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
 Data File : BN015330.D
 Acq On : 03 Jul 2021 12:38
 Operator : CG/JU
 Sample : M2838-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20210622

Quant Time: Jul 05 05:49:33 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)

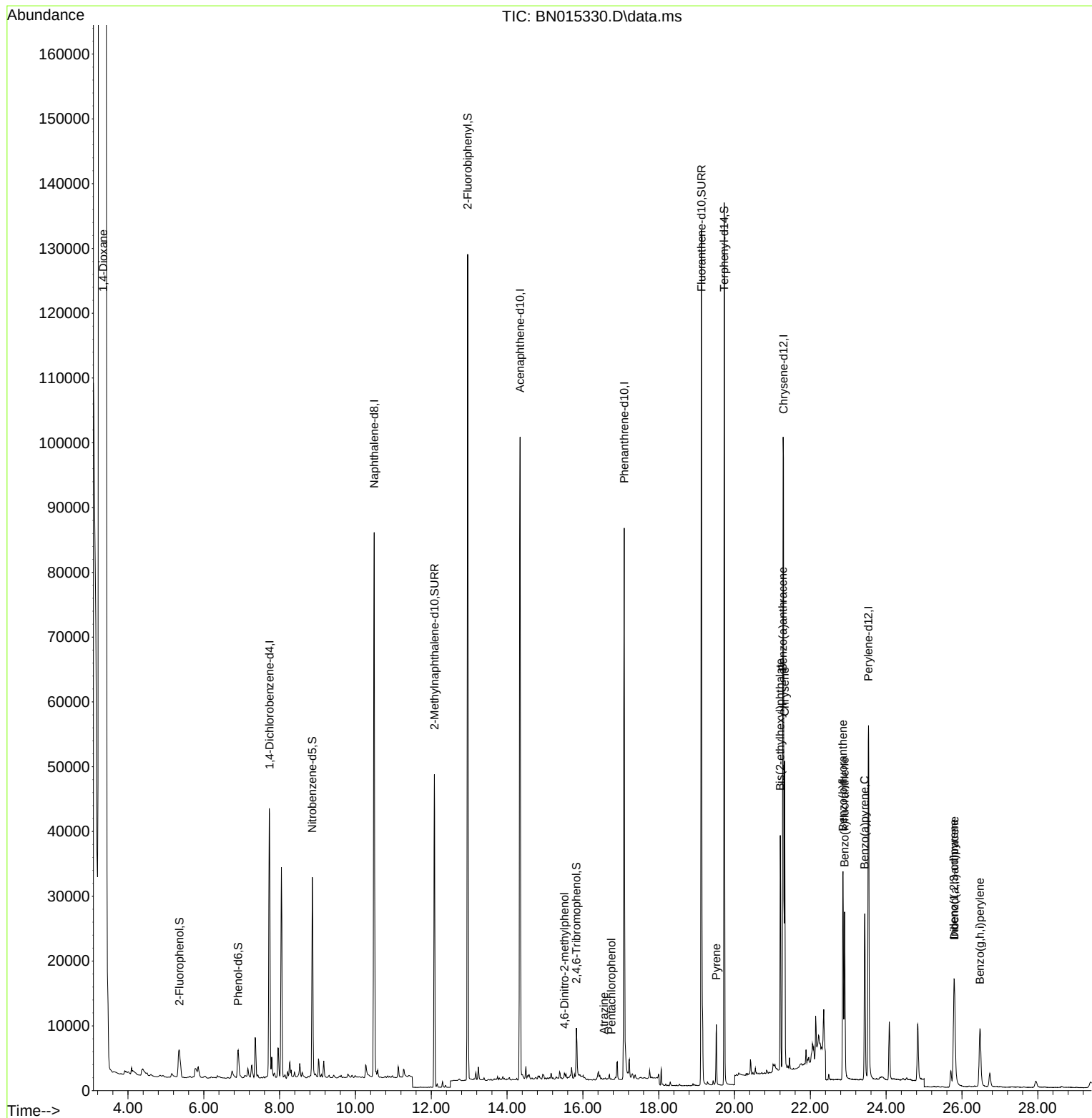
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	25464	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	116563	0.40	ng	# 0.00
13) Acenaphthene-d10	14.345	164	63362	0.40	ng	0.00
19) Phenanthrene-d10	17.090	188	123583	0.40	ng	# 0.00
29) Chrysene-d12	21.291	240	90392	0.40	ng	#-0.01
35) Perylene-d12	23.532	264	75431	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.356	112	7316	0.11	ng	0.00
5) Phenol-d6	6.905	99	5077	0.06	ng	0.00
8) Nitrobenzene-d5	8.860	82	26857	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.083	152	64167	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	6792	0.47	ng	-0.01
15) 2-Fluorobiphenyl	12.962	172	105689	0.41	ng	0.00
27) Fluoranthene-d10	19.127	212	148514	0.41	ng	0.00
31) Terphenyl-d14	19.728	244	136903	0.65	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.345	88	31256	2.62	ng	# 62
20) 4,6-Dinitro-2-methylph...	15.512	198	8	0.19	ng	# 1
23) Atrazine	16.555	200	52	0.17	ng	# 22
24) Pentachlorophenol	16.750	266	72	0.25	ng	89
30) Pyrene	19.519	202	8319	0.02	ng	99
32) Benzo(a)anthracene	21.270	228	36574	0.12	ng	98
33) Chrysene	21.323	228	36833	0.11	ng	98
34) Bis(2-ethylhexyl)phtha...	21.206	149	36252	0.47	ng	# 86
36) Indeno(1,2,3-cd)pyrene	25.788	276	22838	0.08	ng	# 88
37) Benzo(b)fluoranthene	22.858	252	35351	0.12	ng	# 81
38) Benzo(k)fluoranthene	22.902	252	34351	0.11	ng	# 94
39) Benzo(a)pyrene	23.433	252	25947	0.10	ng	# 46
40) Dibenzo(a,h)anthracene	25.802	278	17624	0.08	ng	# 90
41) Benzo(g,h,i)perylene	26.476	276	20518	0.09	ng	# 89

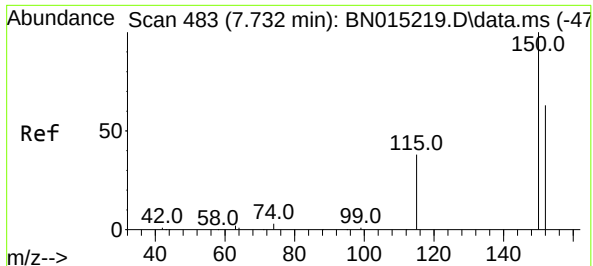
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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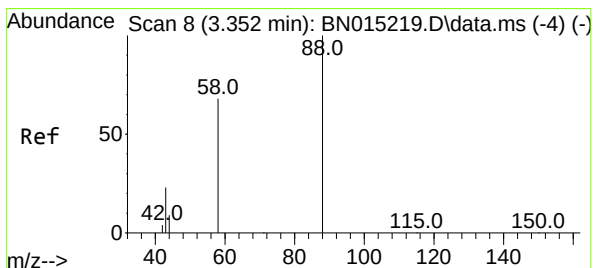
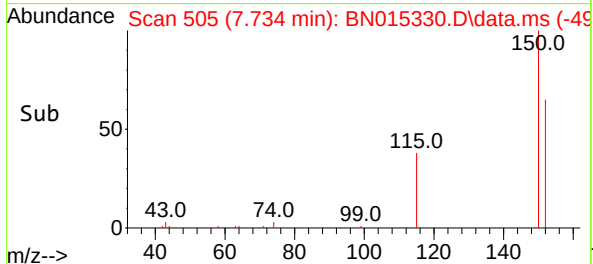
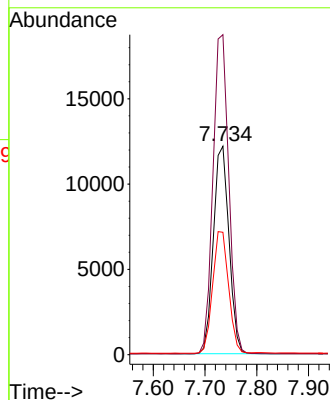
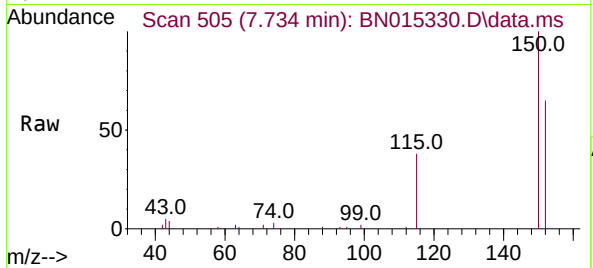




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.734 min Scan# 505
 Delta R.T. 0.002 min
 Lab File: BN015330.D
 Acq: 03 Jul 2021 12:38

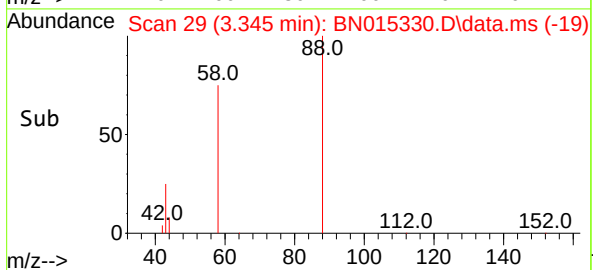
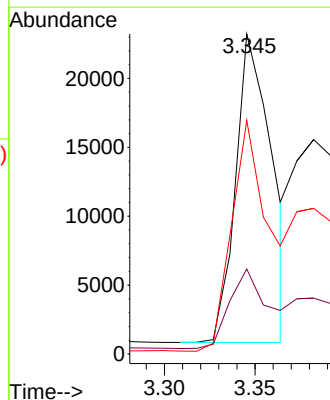
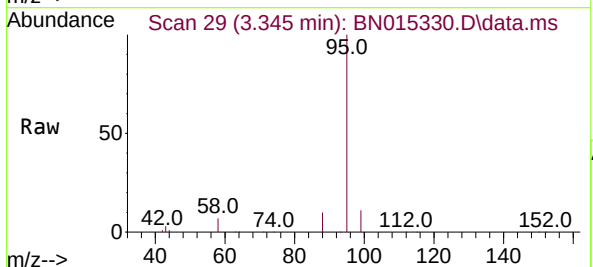
Instrument :
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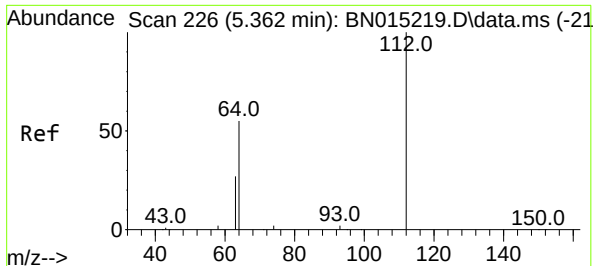
Tgt Ion: 152 Resp: 25464
 Ion Ratio Lower Upper
 152 100
 150 153.5 119.0 178.6
 115 58.7 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 2.62 ng
 RT: 3.345 min Scan# 29
 Delta R.T. -0.006 min
 Lab File: BN015330.D
 Acq: 03 Jul 2021 12:38

Tgt Ion: 88 Resp: 31256
 Ion Ratio Lower Upper
 88 100
 43 27.4 12.9 19.3#
 58 76.2 38.1 57.1#

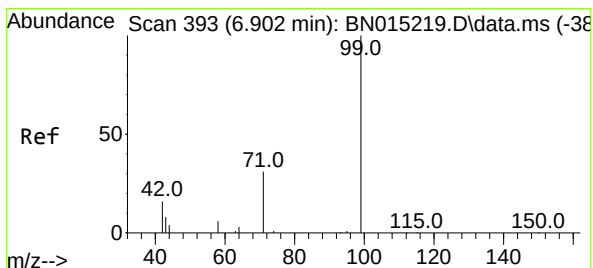
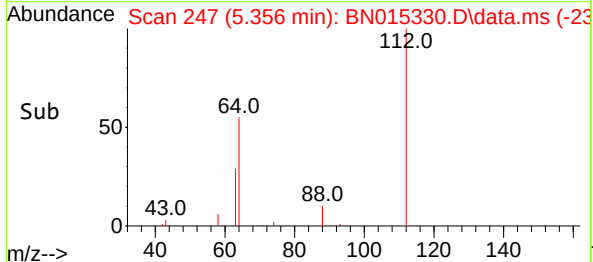
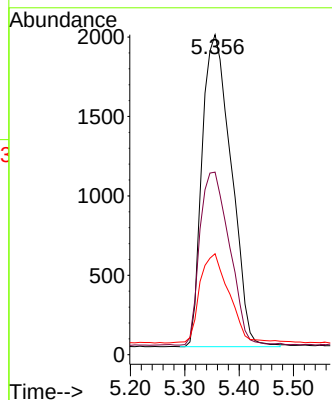
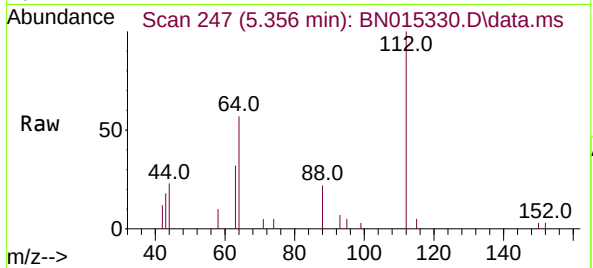




#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.356 min Scan# 247
Delta R.T. -0.006 min
Lab File: BN015330.D
Acq: 03 Jul 2021 12:38

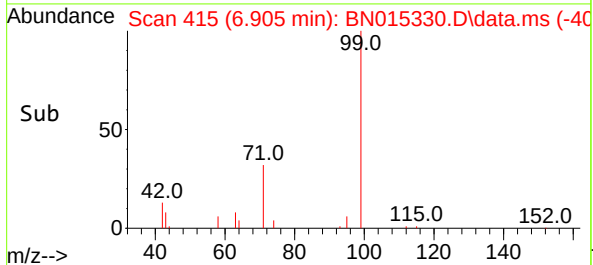
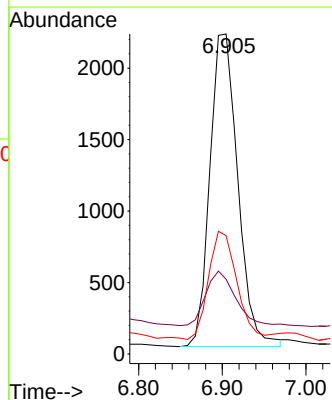
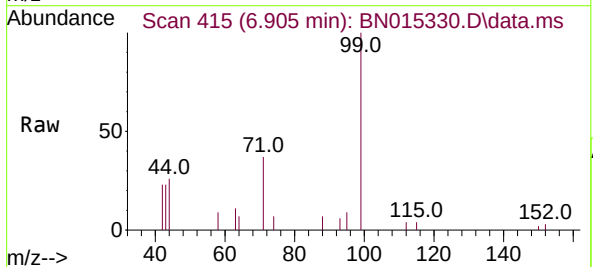
Instrument :
BNA_N
ClientSampleId :
RE122D1-20210622

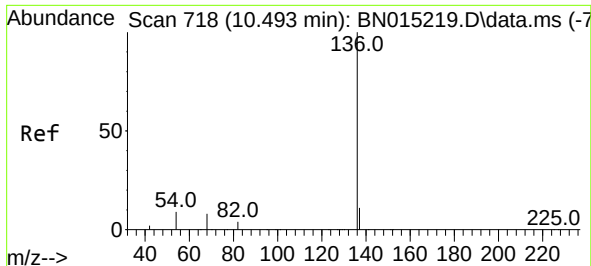
Tgt Ion: 112 Resp: 7316
Ion Ratio Lower Upper
112 100
64 56.3 39.0 58.6
63 28.2 20.6 30.8



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015330.D
Acq: 03 Jul 2021 12:38

Tgt Ion: 99 Resp: 5077
Ion Ratio Lower Upper
99 100
42 18.3 8.9 13.3#
71 34.9 35.6 53.4#

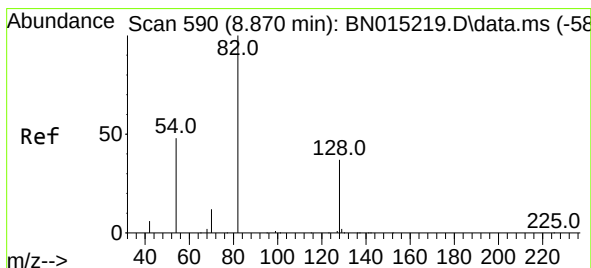
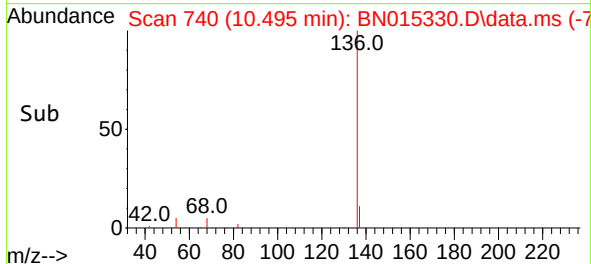
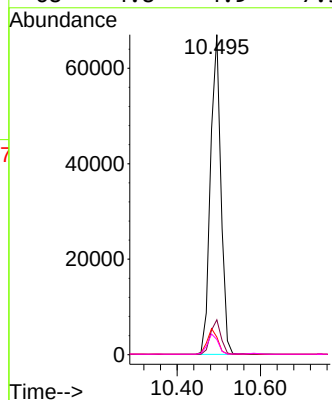
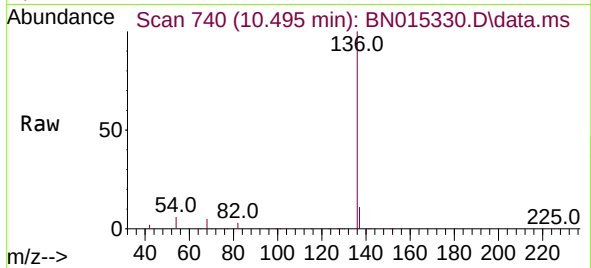




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015330.D
Acq: 03 Jul 2021 12:38

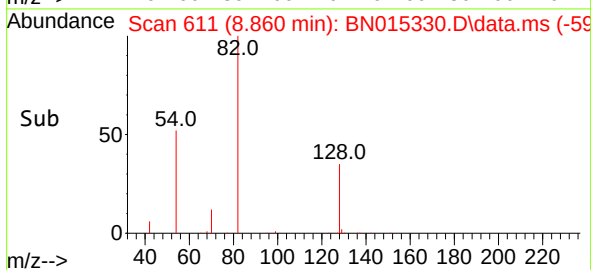
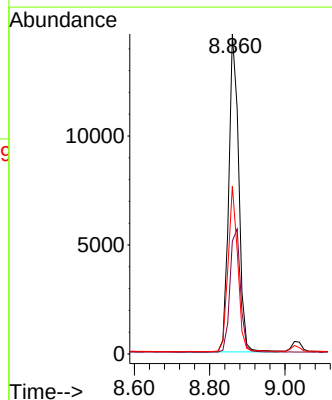
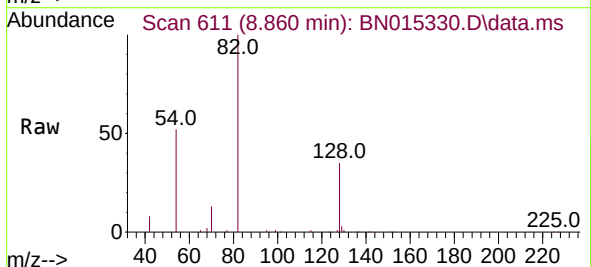
Instrument :
BNA_N
ClientSampleId :
RE122D1-20210622

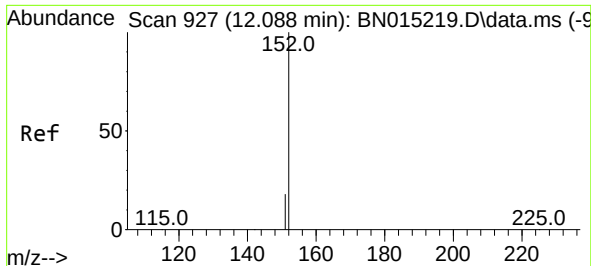
Tgt Ion:136	Resp:	116563
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.8 14.8
54	5.5	5.4 8.2
68	4.8	4.9 7.3#



#8
Nitrobenzene-d5
Concen: 0.41 ng
RT: 8.860 min Scan# 611
Delta R.T. -0.010 min
Lab File: BN015330.D
Acq: 03 Jul 2021 12:38

Tgt Ion: 82	Resp:	26857
Ion Ratio	Lower	Upper
82	100	
128	35.3	31.6 47.4
54	52.5	29.0 43.4#

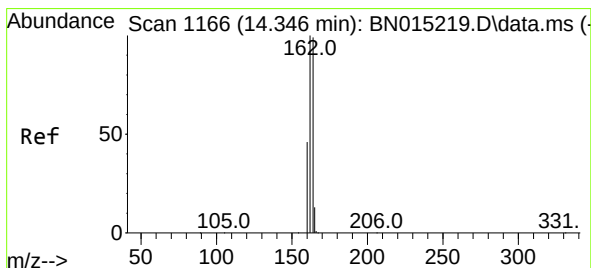
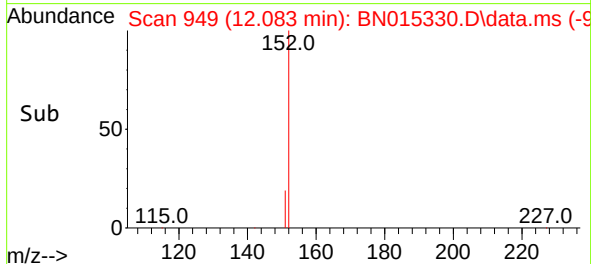
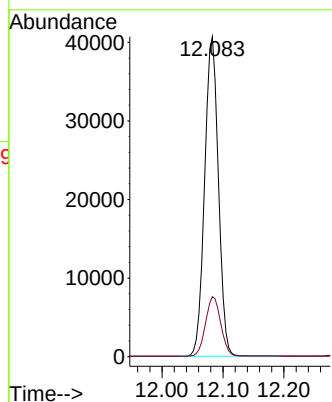
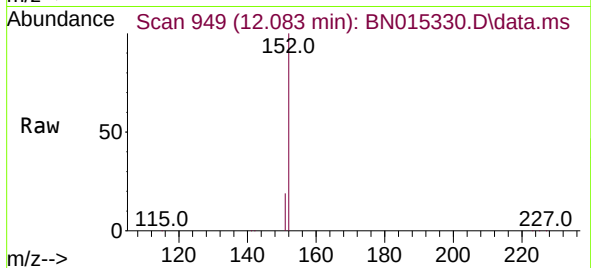




#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.083 min Scan# 949
Delta R.T. -0.006 min
Lab File: BN015330.D
Acq: 03 Jul 2021 12:38

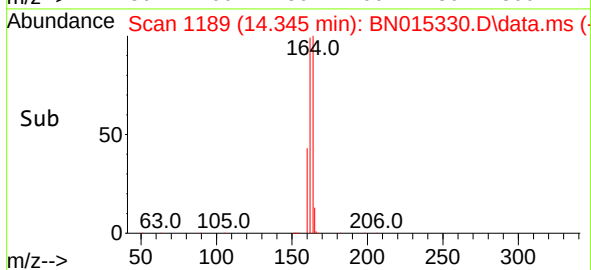
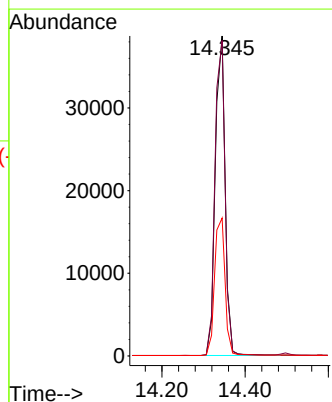
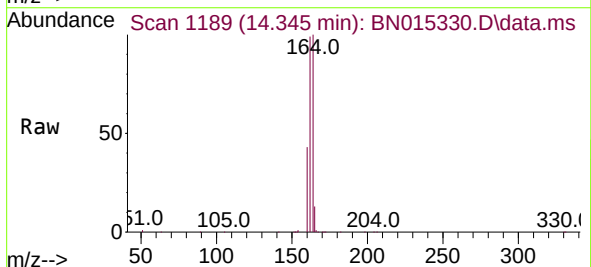
Instrument :
BNA_N
ClientSampleId :
RE122D1-20210622

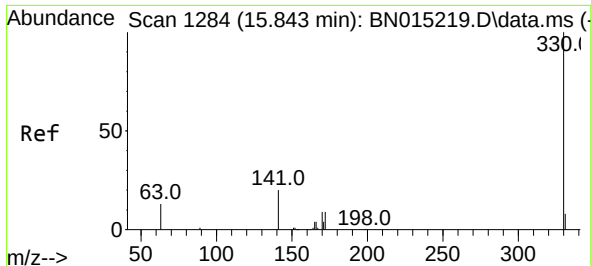
Tgt Ion:152 Resp: 64167
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015330.D
Acq: 03 Jul 2021 12:38

Tgt Ion:164 Resp: 63362
Ion Ratio Lower Upper
164 100
162 98.6 83.8 125.6
160 43.1 37.4 56.0

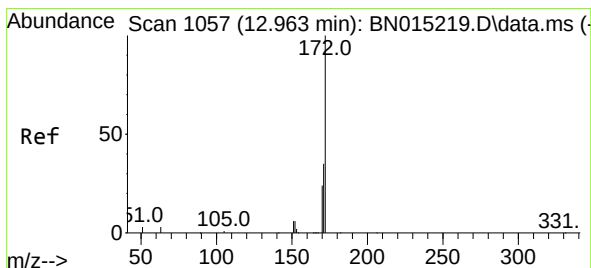
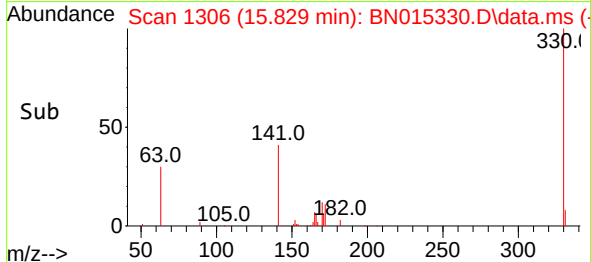
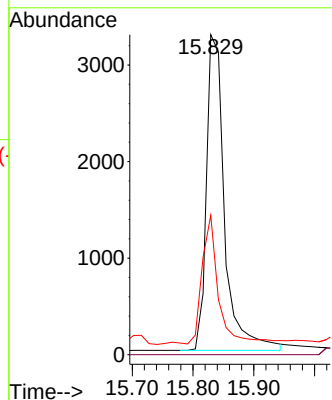
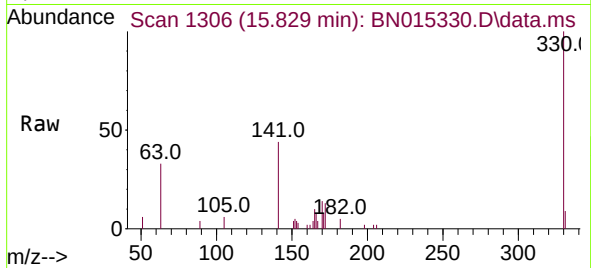




#14
2,4,6-Tribromophenol
Concen: 0.47 ng
RT: 15.829 min Scan# 1306
Delta R.T. -0.014 min
Lab File: BN015330.D
Acq: 03 Jul 2021 12:38

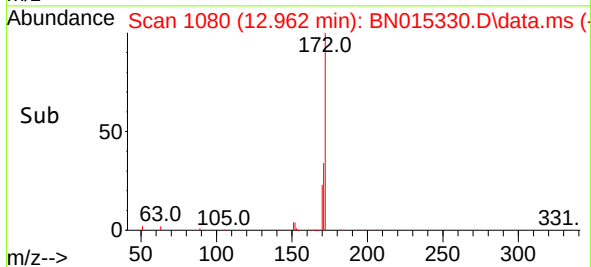
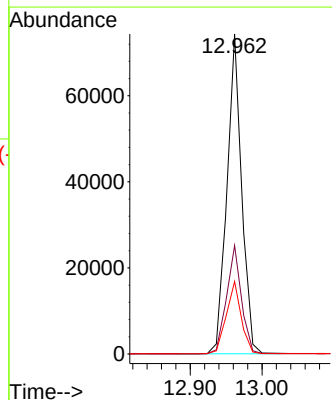
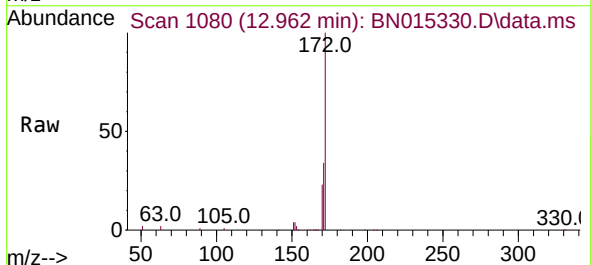
Instrument :
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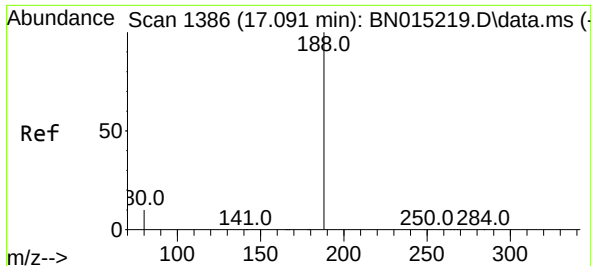
Tgt Ion: 330 Resp: 6792
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.2 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015330.D
Acq: 03 Jul 2021 12:38

Tgt Ion: 172 Resp: 105689
Ion Ratio Lower Upper
172 100
171 33.9 30.6 45.8
170 22.6 20.2 30.4

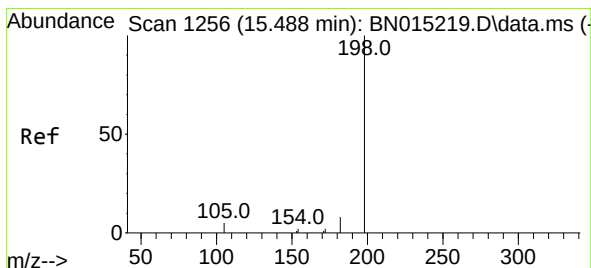
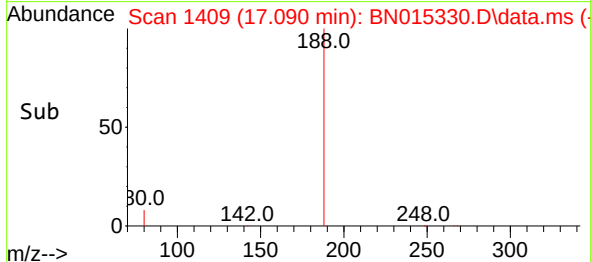
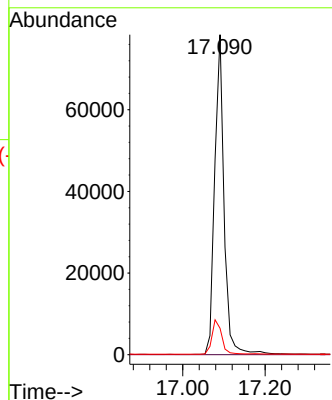
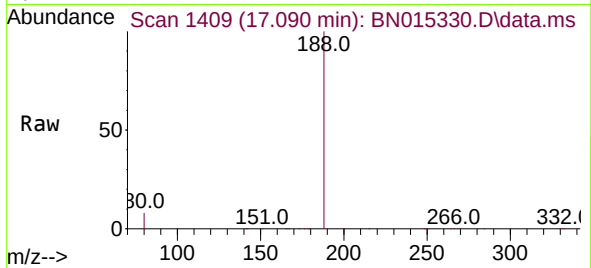




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.090 min Scan# 1409
Delta R.T. -0.001 min
Lab File: BN015330.D
Acq: 03 Jul 2021 12:38

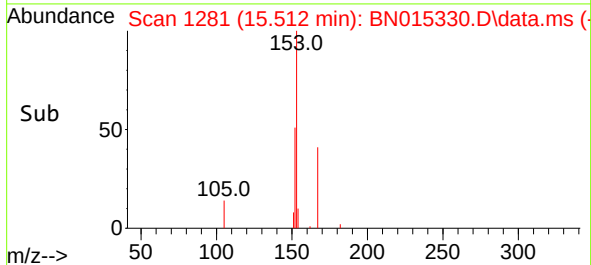
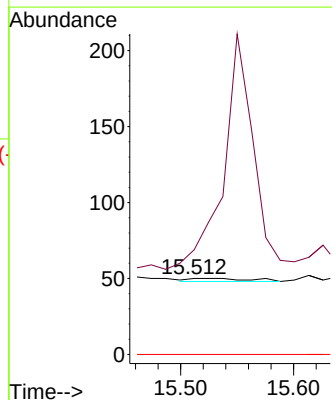
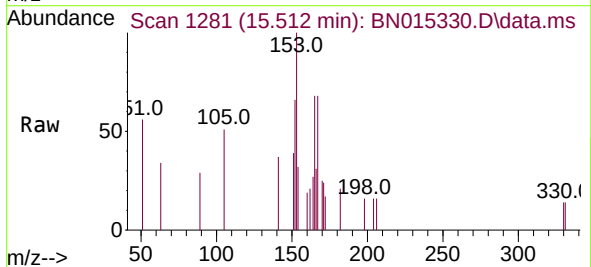
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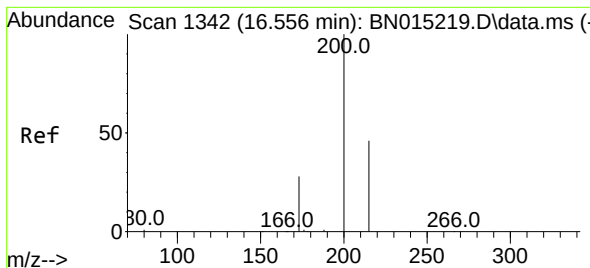
Tgt Ion:188 Resp: 123583
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 9.0 13.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.512 min Scan# 1281
Delta R.T. 0.024 min
Lab File: BN015330.D
Acq: 03 Jul 2021 12:38

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
182 138.0 34.5 51.7#
77 0.0 0.0 0.0





#23

Atrazine

Concen: 0.17 ng

RT: 16.555 min Scan# 1365

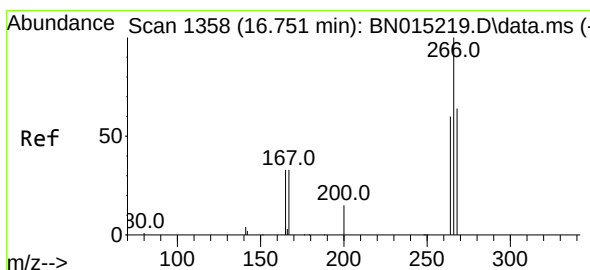
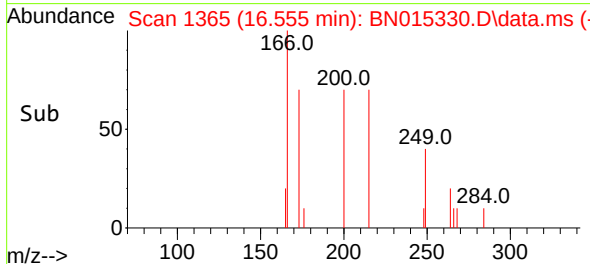
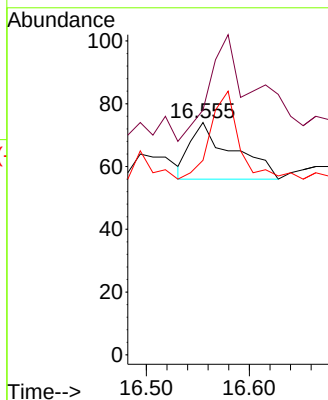
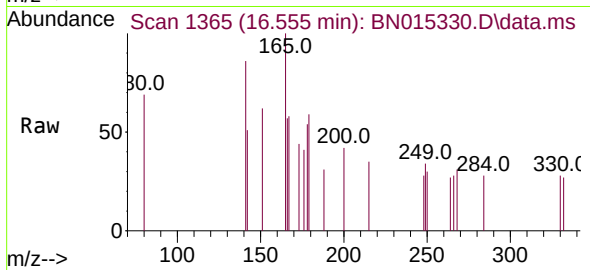
Delta R.T. -0.001 min

Lab File: BN015330.D

Acq: 03 Jul 2021 12:38

Tgt Ion:	200	Resp:	52
Ion	Ratio	Lower	Upper
200	100		
173	105.4	21.7	32.5#
215	83.8	43.1	64.7#

Instrument :
BNA_N
ClientSampleId :
RE122D1-20210622



#24

Pentachlorophenol

Concen: 0.25 ng

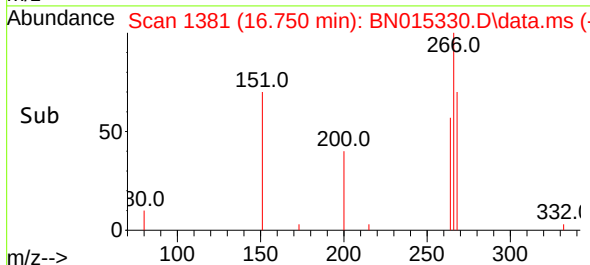
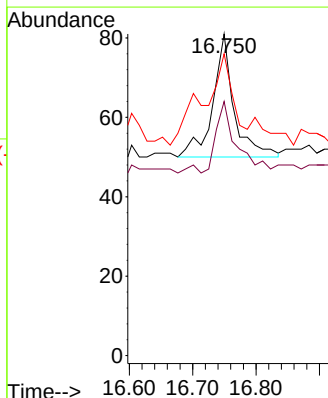
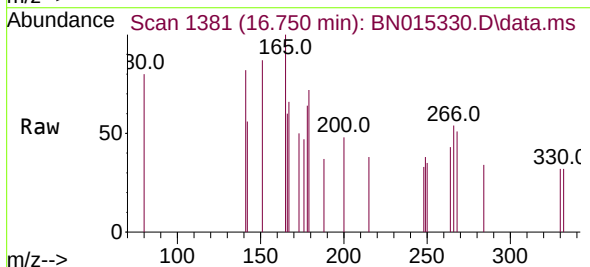
RT: 16.750 min Scan# 1381

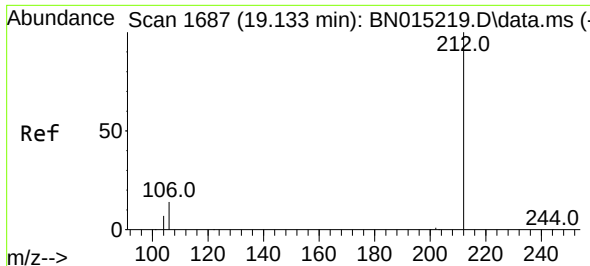
Delta R.T. -0.001 min

Lab File: BN015330.D

Acq: 03 Jul 2021 12:38

Tgt Ion:	266	Resp:	72
Ion	Ratio	Lower	Upper
266	100		
264	58.3	51.0	76.4
268	75.0	50.6	76.0

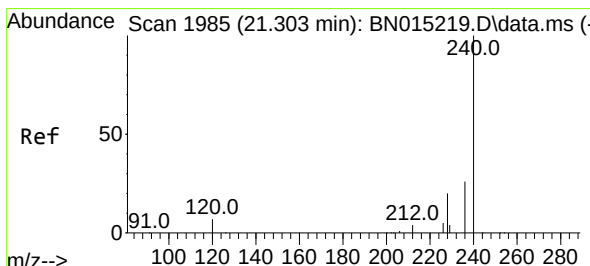
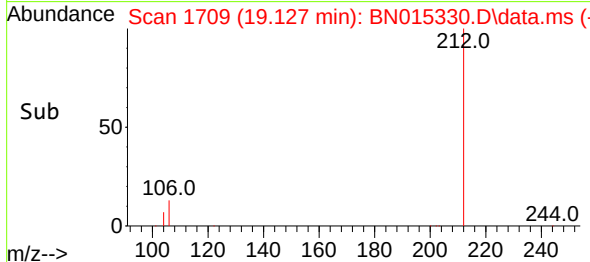
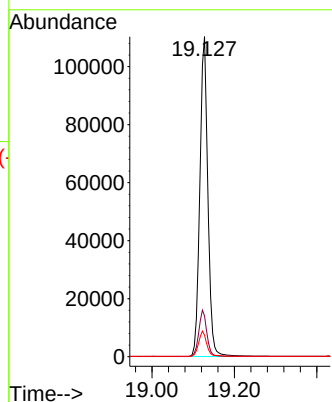
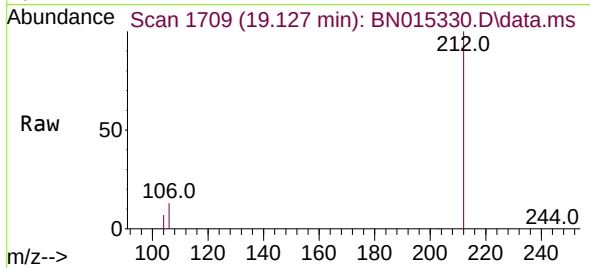




#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.127 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BN015330.D
Acq: 03 Jul 2021 12:38

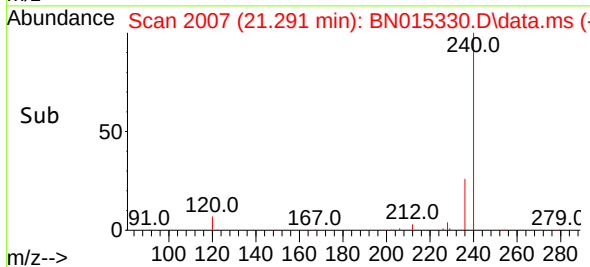
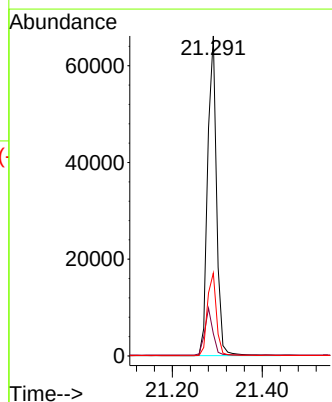
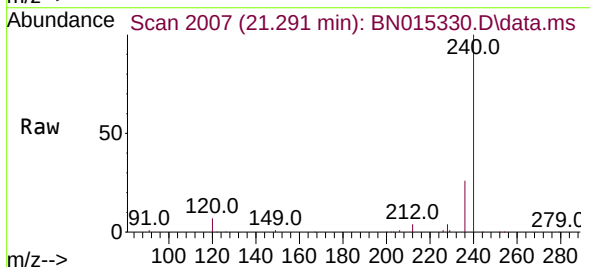
Instrument :
BNA_N
ClientSampleId :
RE122D1-20210622

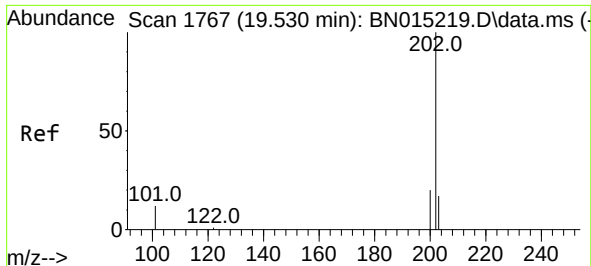
Tgt Ion:212 Resp: 148514
Ion Ratio Lower Upper
212 100
106 14.4 7.0 10.6#
104 8.0 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015330.D
Acq: 03 Jul 2021 12:38

Tgt Ion:240 Resp: 90392
Ion Ratio Lower Upper
240 100
120 7.0 4.2 6.4#
236 25.9 21.4 32.2

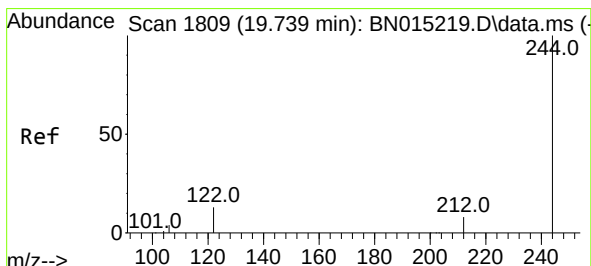
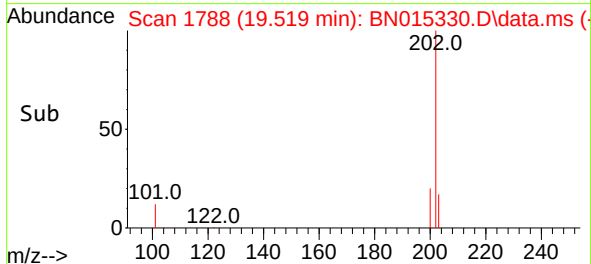
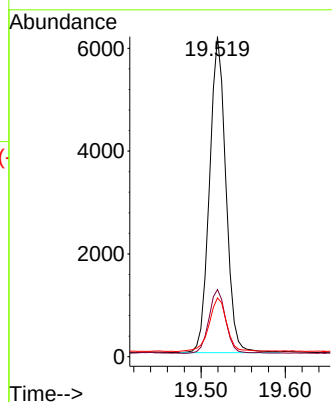
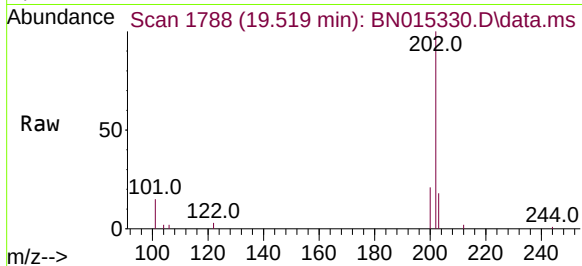




#30
Pyrene
Concen: 0.02 ng
RT: 19.519 min Scan# 1788
Delta R.T. -0.011 min
Lab File: BN015330.D
Acq: 03 Jul 2021 12:38

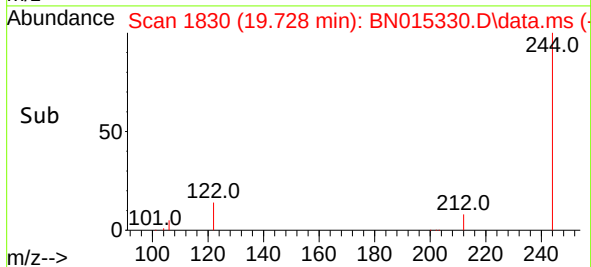
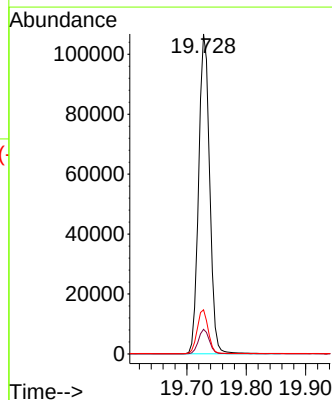
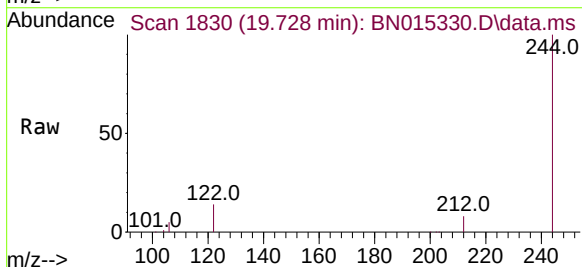
Instrument :
BNA_N
ClientSampleId :
RE122D1-20210622

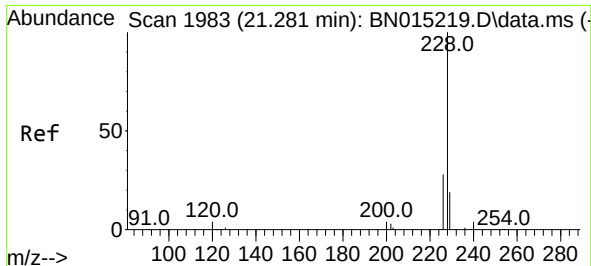
Tgt Ion:	202	Resp:	8319
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.9	25.3
203	18.2	13.9	20.9



#31
Terphenyl-d14
Concen: 0.65 ng
RT: 19.728 min Scan# 1830
Delta R.T. -0.011 min
Lab File: BN015330.D
Acq: 03 Jul 2021 12:38

Tgt Ion:	244	Resp:	136903
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.3	9.5
122	13.8	6.2	9.2#

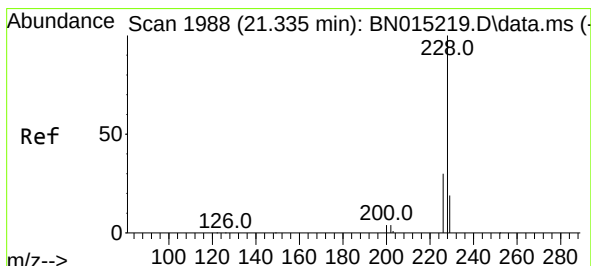
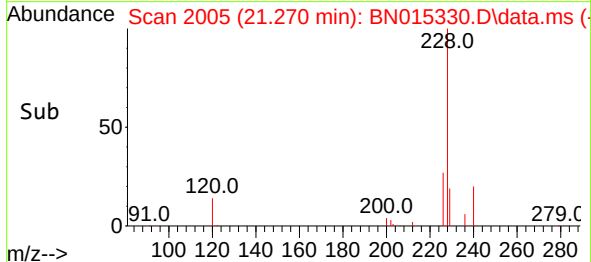
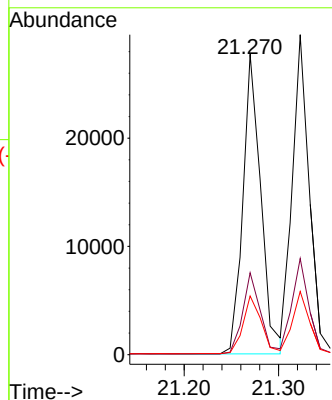
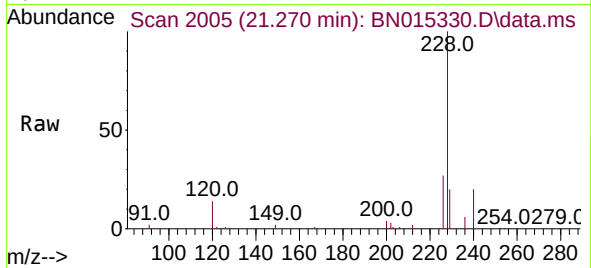




#32
Benzo(a)anthracene
Concen: 0.12 ng
RT: 21.270 min Scan# 2005
Delta R.T. -0.011 min
Lab File: BN015330.D
Acq: 03 Jul 2021 12:38

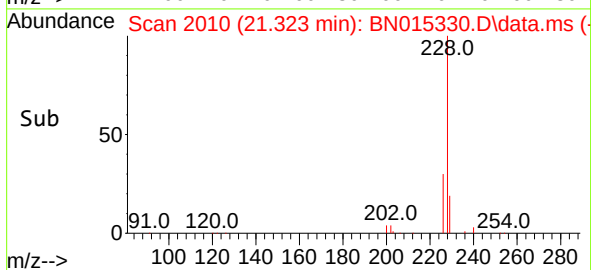
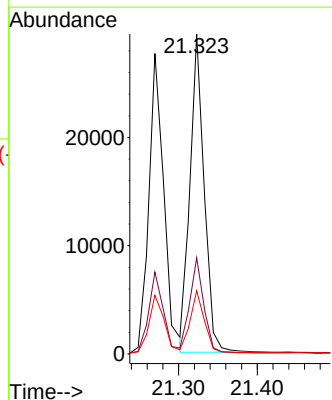
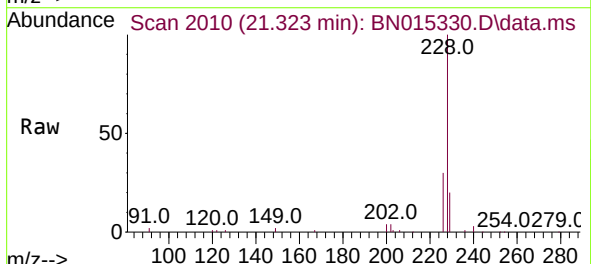
Instrument :
BNA_N
ClientSampleId :
RE122D1-20210622

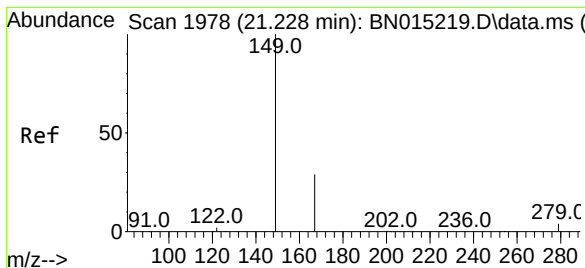
Tgt Ion:	228	Resp:	36574
Ion Ratio	Lower	Upper	
228	100		
226	27.3	23.0	34.6
229	19.5	15.7	23.5



#33
Chrysene
Concen: 0.11 ng
RT: 21.323 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BN015330.D
Acq: 03 Jul 2021 12:38

Tgt Ion:	228	Resp:	36833
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.0	37.6
229	19.7	15.9	23.9

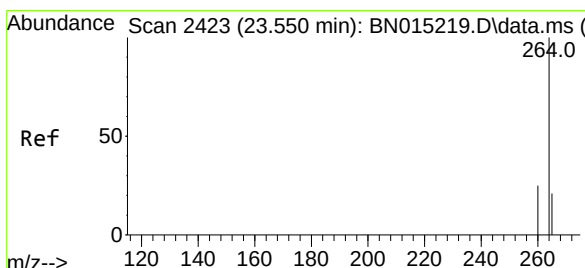
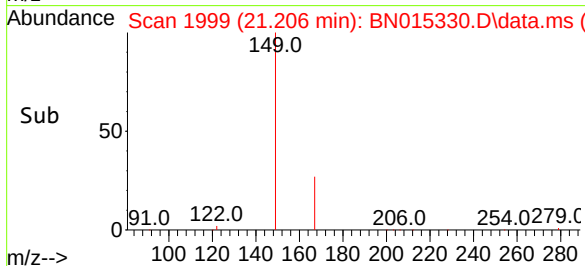
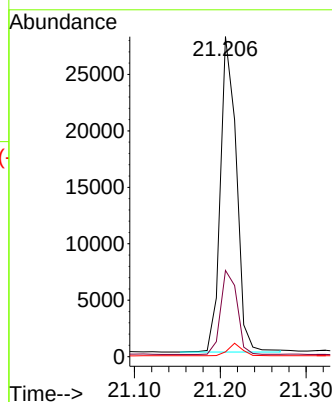
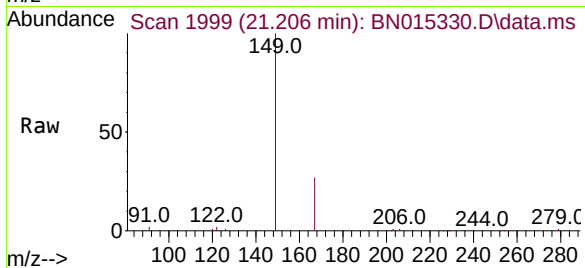




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.47 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.022 min
Lab File: BN015330.D
Acq: 03 Jul 2021 12:38

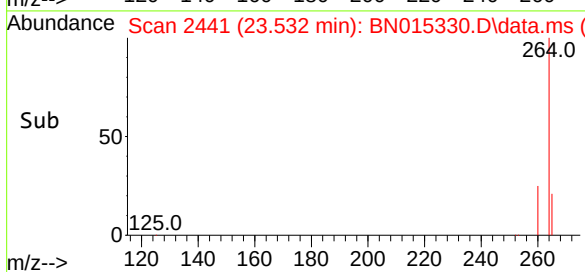
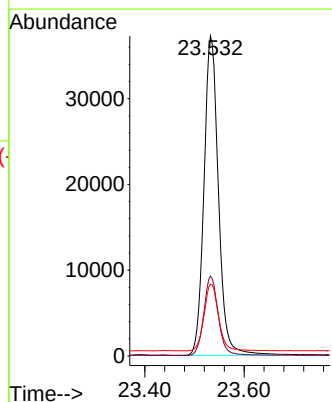
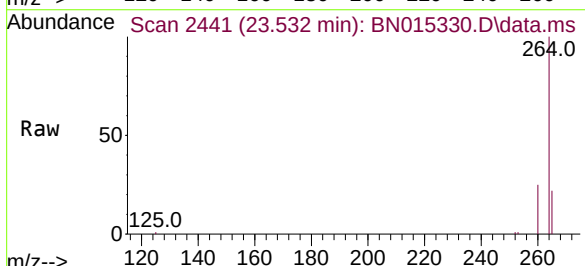
Instrument :
BNA_N
ClientSampleId :
RE122D1-20210622

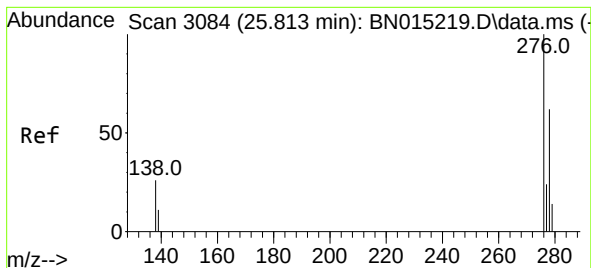
Tgt Ion:149 Resp: 36252
Ion Ratio Lower Upper
149 100
167 27.2 28.9 43.3#
279 3.5 4.9 7.3#



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.532 min Scan# 2441
Delta R.T. -0.018 min
Lab File: BN015330.D
Acq: 03 Jul 2021 12:38

Tgt Ion:264 Resp: 75431
Ion Ratio Lower Upper
264 100
260 25.0 20.6 31.0
265 22.5 21.4 32.2

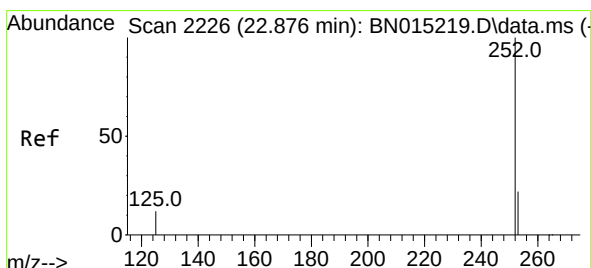
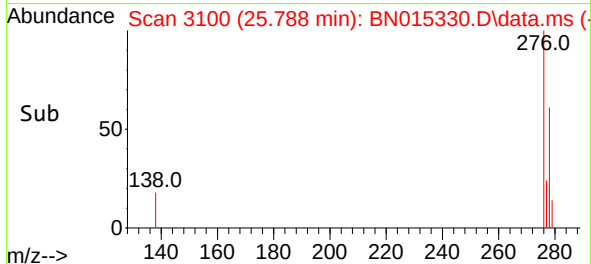
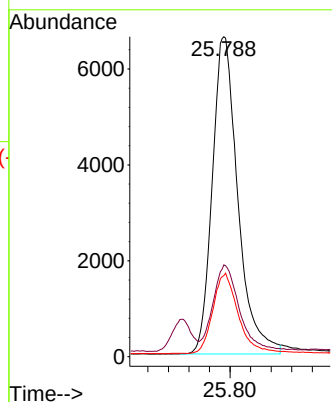
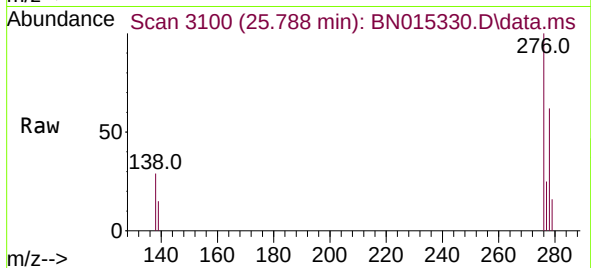




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.08 ng
RT: 25.788 min Scan# 3100
Delta R.T. -0.025 min
Lab File: BN015330.D
Acq: 03 Jul 2021 12:38

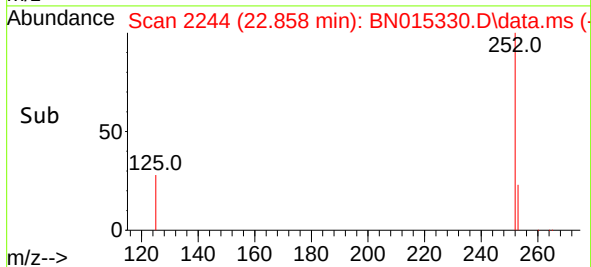
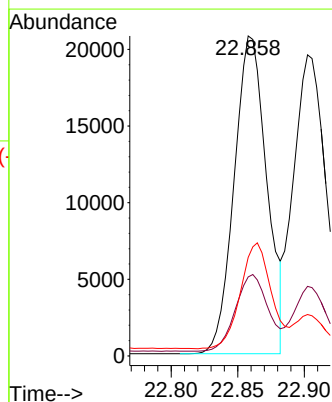
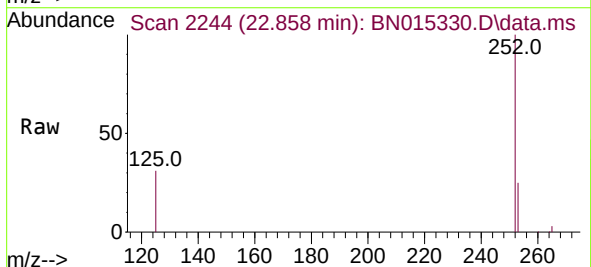
Instrument :
BNA_N
ClientSampleId :
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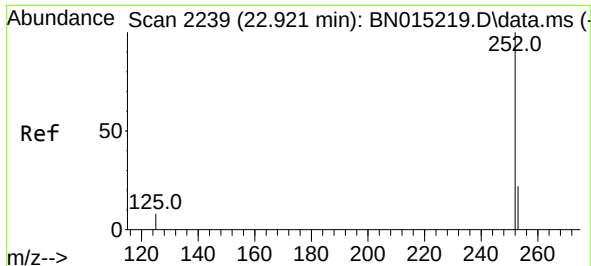
Tgt Ion:276 Resp: 22838
Ion Ratio Lower Upper
276 100
138 26.2 10.0 15.0#
277 25.0 20.4 30.6



#37
Benzo(b)fluoranthene
Concen: 0.12 ng
RT: 22.858 min Scan# 2244
Delta R.T. -0.018 min
Lab File: BN015330.D
Acq: 03 Jul 2021 12:38

Tgt Ion:252 Resp: 35351
Ion Ratio Lower Upper
252 100
253 24.7 18.5 27.7
125 30.8 5.8 8.6#

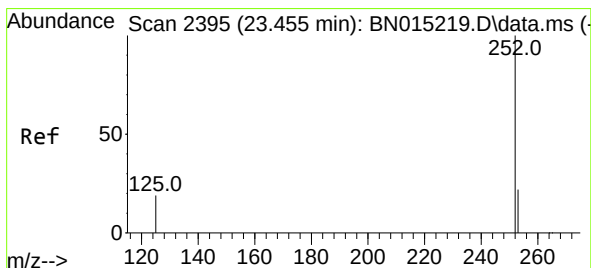
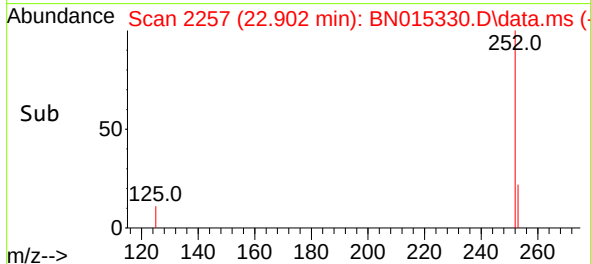
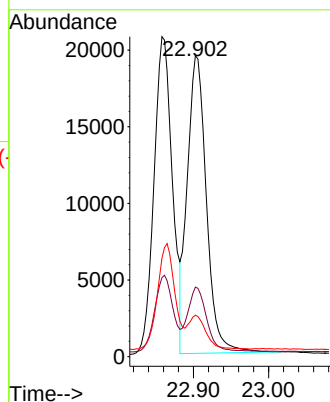
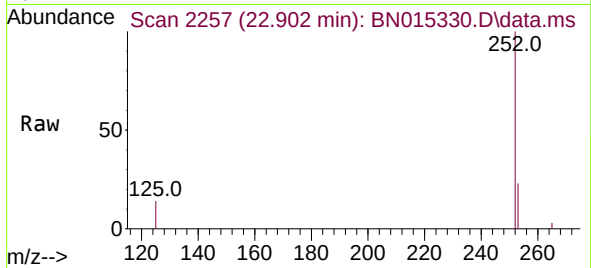




#38
Benzo(k)fluoranthene
Concen: 0.11 ng
RT: 22.902 min Scan# 2257
Delta R.T. -0.018 min
Lab File: BN015330.D
Acq: 03 Jul 2021 12:38

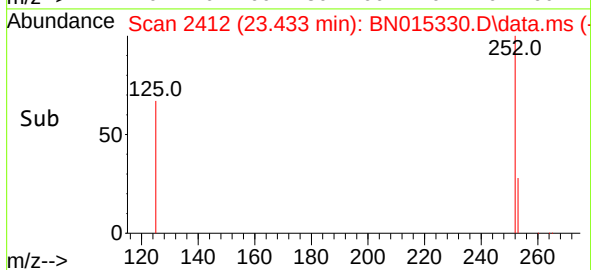
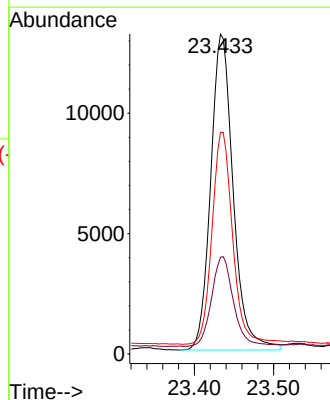
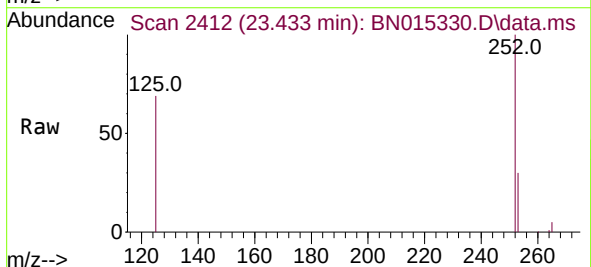
Instrument :
BNA_N
ClientSampleId :
RE122D1-20210622

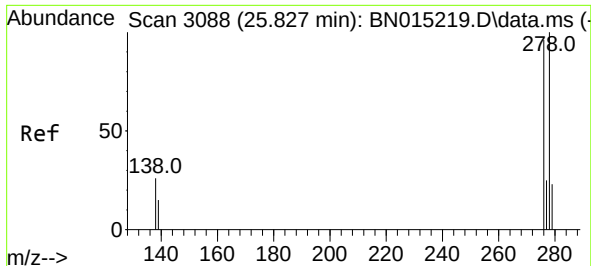
Tgt Ion:252 Resp: 34351
Ion Ratio Lower Upper
252 100
253 23.1 19.1 28.7
125 13.7 5.4 8.0#



#39
Benzo(a)pyrene
Concen: 0.10 ng
RT: 23.433 min Scan# 2412
Delta R.T. -0.022 min
Lab File: BN015330.D
Acq: 03 Jul 2021 12:38

Tgt Ion:252 Resp: 25947
Ion Ratio Lower Upper
252 100
253 30.3 19.4 29.2#
125 69.2 7.4 11.2#

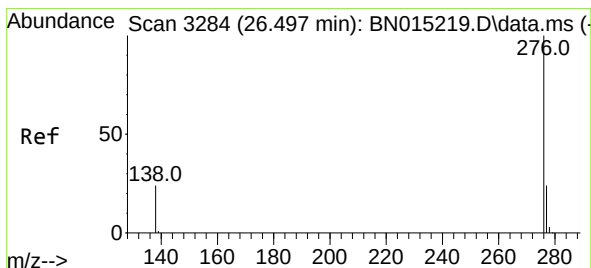
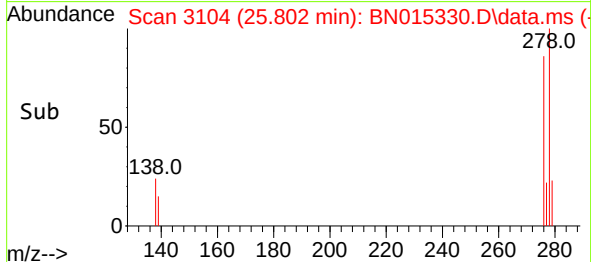
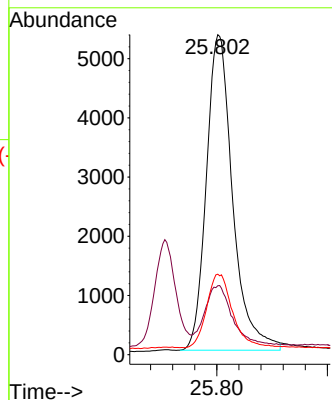
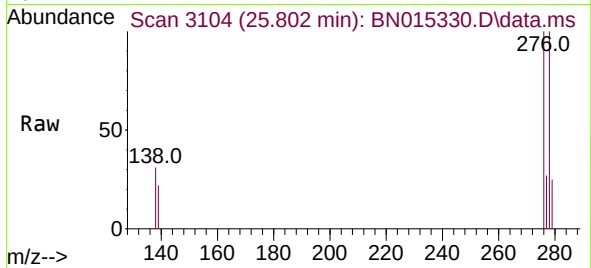




#40
Dibenzo(a,h)anthracene
Concen: 0.08 ng
RT: 25.802 min Scan# 3104
Delta R.T. -0.025 min
Lab File: BN015330.D
Acq: 03 Jul 2021 12:38

Instrument :
BNA_N
ClientSampleId :
RE122D1-20210622

Tgt Ion:278 Resp: 17624
Ion Ratio Lower Upper
278 100
139 21.6 9.0 13.4#
279 25.2 21.0 31.4



#41
Benzo(g,h,i)perylene
Concen: 0.09 ng
RT: 26.476 min Scan# 3301
Delta R.T. -0.022 min
Lab File: BN015330.D
Acq: 03 Jul 2021 12:38

Tgt Ion:276 Resp: 20518
Ion Ratio Lower Upper
276 100
277 24.6 19.7 29.5
138 24.6 9.8 14.6#

